TEXTILE BULLETIN

VOLUME XVII.

CHARLOTTE, N. C., THURSDAY, MAY 1, 1919

NUMBER 9







On the Counter Drives increases speed of the looms from 4 to 6 picks per minute

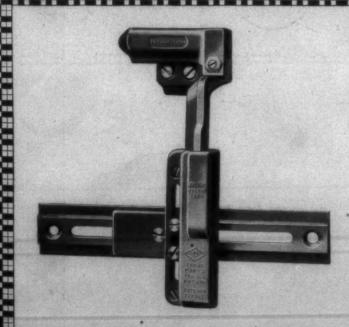
For records of its performance address

THE BRADFORD BELTING CO.

200 Walnut Street,

CINCINNATI, OHIO

Southern Branch: 552-54 South Main St., Greenville, S. C.



DUTCHER TEMPLES

Trade-Mark Reg. U. S. Pat. Off.

DRAPER CORPORATION

SOLE MANUFACTURERS

Hopedale Massachusetts

Southern Office

188 South Forsyth Street Atlanta Georgia

Copyright 1917 by Draper Corporation

American Dyestuffs in 1919

THIS COMPANY was founded to provide America with a permanent dye-stuff industry. Its predecessors were the pioneers in American color production. The war bruoght not only the opportunity but the necessity for the development of this accumulated experience. Upon this experience has been built a structure in personnel and in equipment not bettered by any European works.

The obligation resting upon us during the war was to produce quantity. The emergency needs of the Government and of the textile industry demanded first attention. The building of our immense plants had to go on hand in hand. Today we are producing some 60 intermediate products and over 160 different colors. Type for type these products are as fine in quality as any ever imported.

Primarily and logically, the American coal-tar color industry is a servant of the great American textile manufacturers, whose annual product runs into the hundreds of millions. It is the needs of the great army of textile consumers that we serve. It is the voice of the textile manufacturer to whom we listen. It is because the great American investment in textile manufacture must be insured against loss for all time, that an American dye-stuff industry has been born to serve the Government with explosives of war, and with colors for textiles anad allied industries in both peace and war.

National Aniline & Chemical Co., Inc.

Main Sales Office: 21 Burling Slip, New York

Southern Office and Warehouse 236 West First Street, Charlotte, N. C.

THE GREATEST IMPROVEMENT MADE IN COTTON SPINNING IN QUARTER OF A CENTURY

The Richards-Hinds Light Running Rolls

Over 650,000 Spindles Equipped to Date

Guaranteed Claims

Cockley Yarn Preventor
Extra Strength of Yarn
Less Waste

Greater Production

Less Change of Setting
Reduced Cost of Spinning
One-third Saved on Leather Covered Rolls
Better Spinning with Improved Product

All machine builders are agents and will quote prices for new work.

Also for prices and particulars write to

The Metallic Drawing Roll Company Indian Orchard, Mass.

Clark's Directory of Southern Textile Mills

Complete and accurate information relative to Southern Textile Mills

Pocket Size-Price \$1.50 Clark Pub. Co., Charlotte, N. C.



Farnsworth Machines Prove Value to Big Textile Mills

Large Plants Install the Farnsworth Systems—secure the Service and Satisfaction which comes under the FARNSWORTH GUARANTEE.

The Empire Oil Works, Oil City, Pa., shown in the cut installed the Farnsworth System and closed down one of five 200 h.p. boilers—proof of our guaranteed coal saving—a saving of 20% of their coal pile.



Oil City, Pa., has Joined the Ranks of the Farnsworth Boosters. The progressive Empire Oil Co. owners were among the hundreds of satisfied Farnsworth machine bosters who saw the saving to be effected by installing the machines recommended by our engineers and as soon as our machines started they were able to SHUT DOWN THEIR BIG BOILER, "Farnsworth Equipped" means that you are securing all the heat units possible from your coal pile, that you are not wasting but SAVING TONS OF COAL. A reproduction of one of the machines speeding "over the top" and turning the trick at the Empire works is shown below.

This machine, similar to the coal-savers at the Empire works, drains L. P. Condensation until tank is full, then it rocks on bearing and automatically opens small valve, which admits boiler pressure steam that forces the water into boiler, or if used as pump in distant building, will pump the water to any point of use.



The cut below shows two of the smallest of 12 machines in one plant, draining paper machines, heating systems, fan coil heaters, steam apparatus, etc., and pumping it all under a pressure at a high temperature. The machines in use are the Combination Condensation Pump or Separator with Condenser Vacuum Attachment.

The Farnsworth Systems are saving steam plant owners, paper mills, textile mills, oil refineries, laundries, etc., hundreds of dollars a day in coal and in many instances pay for themselves in a remarkably thort time. Our Farnsworth Duplex Boiler Feeder is

The greatest Coal Saver ever offered the Steam Plant

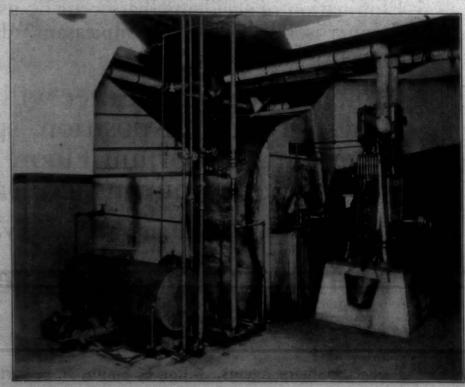
and it will undoubtedly pay you to investigate at once the coal-saving change from the "OLD to the NEW" way of handling condensation—from the old method of vacuum pumps, etc., to the Farnsworth system. Our engineers are at your service to answer any boiler feeding or condensation problems. Write acry for our literature, etc.

FARNSWORTH CO.

Engineers and Manufacturers of Condensation Pumps 200 Washington St., CONSHOHOCKEN, Penna.

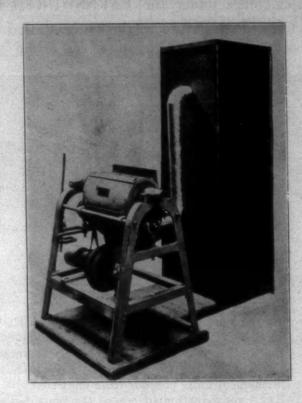
CANADIAN FAIRBANKS, MORSE CO., Ltd. Sole Manufacturers and Distributors for Canada

FAIRBANKS, MORSE & CO., Inc., Sole Agents and Distributors Pacific Coast



Monarch Bobbin Cleaner

A Machine to Clean Roving Bobbins from Spinning Frames



A Practical
Machine for Both
Large and
Small Mills

Advantages Claimed:

- 1 Saving of Spinner's Time.
- 2 Saving of Bobbins.
- 3 Less waste created and less fibre destroyed.
- 4 Increase in productions.
- 5 Elimination of accidents that occur by use of the knife.
- 6 Spinner is relieved of an unpleasant, disagreeable and unproductive job.

The Monach Bobbin Cleaner will be displayed at the Southern Textile Exposition, spaces 347 and 348

Main Auditorium Floor. We invite your inspection

Manufactured by

Monarch Bobbin Cleaner Company Union, S. C.

Southern Agents, Milton G. Smith, A. B. Carter, Greenville, S. C.

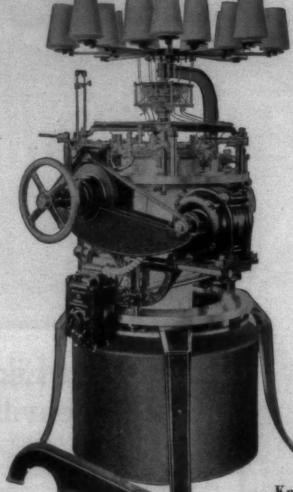
Writing History in Knitting Production

It's the Rocker Joint
—it is no Secret.

99%

Efficient Drive

No greasy oil bath— Never Slip— Steady— Flexible as a belt, Positive as gears— Longer life than either.



Another

"Morse"

in the

Textile Industry

We can tell you the Mills that are using the Morse Rocker Joint Silent Chain drive together with the data of Production

Knitting Machine Drive
By The Wildman Manufacturing Co.
Norristown, Pa.

Have you any way of figuring what belt slippage costs? It is usually 3% to 8% in every belt. The older the belt the greater the loss in production.

Whenever you have any special problems with which you feel we can help you, please call our nearest office. Confer with our engineers. A Drive somewhere may need speeding up, or for special service in Dust, Acid Fumes, Gases, Steam or for more power.

Let us have your problem. You will be in no way obligated.

MORSE CHAIN CO.

Largest Manufacturer of Silent Chains in the World

ITHACA, N. Y.

MORSE ENGINEERING SERVICE

Address Nearest Office

ASSISTANCE WITHOUT OBLIGATION



ATLANTA, GA.......Earl F. Scott, M. E., 702 Candler Bldg.
CANADA.......Jones & Glassco, Reg'd, Montreal, St. Nicholas
Bldg. Toronto, Traders' Bank Bullding.
KANSAS CITY, MO...Morse Engineering Co., R. A. Long Bldg.
MINNEAPOLIS, MINN. Strong-Scott Mfg. Co., 413 Third St. S.
ST. LOUIS, MO.......Morse Engineering Co., Chemical Bldg.

"MORSE" is the Guarantee always behind our Service, Products and Results



See these drives at the Southern Textile Exposition at Greenville, S. C., May 5th to 10th. You'll find them at space 203, 204 and 205. If you can't come to the exposition, write for our Textile Book No. 258.

LINK-BELT COMPANY New Orleans—C. O. Hinz, Hibernis Bank Bldg. Other Offices in Principal Cities apresentative, J. S. Cothran, Com'l Bank Bldg., Charlotte, N. C.

SILENT CHAIN DRIVES

We Also Make

- Elevators and Conveyors
 Link-Belt and Sprockets
 Silent Chain Drives
 Truck and Tractor Chains
 Electric Hoists
 Locomotive Cranes
 Wagon Loaders
 Coal and Ashes Systems

EXTILE BULLETI

PUBLISHED EVERY THURSDAY BY CLARK PUBLISHING COMPANY, 39-41 S. CHURCH ST., CHARLOTTE, N. C. SUBSCRIPTION \$1.50 PER YEAR IN ADVANCE. ENTERED AS SECOND CLASS MAIL MATTER MARCH 2 1911, AT POSTOFFICE, CHARLOTTE, N. C., UNDER ACT OF CONGRESS, MAR. 3, 1879

VOLUME XVII.

CHARLOTTE, N. C., THURSDAY, MAY 1, 1919

NUMBER 9

Advance Notice of Textile Exhibits

Link Belt Company

The Link Belt Company have been allotted spaces 203, 204 and 205 and will show a typical silent chain installation in connection with standard spinning frame and will also have another moving display, a form of apparatus which shows clearly the operation of silent chain on properly cut sprockets. They will also display samples of silent chain.

Those in attendance during the week of the exposition will be Mr. J. S. Cothran of Charlotte, N. C., Southern representative; Mr. G. H. Burkholder, Mr. C. B. Morish and C. R. Weiss, engineer drive chain department of Philadelhphia man-

ufacturing works.

Douglas Company.

Mr. Ira L. Griffin, manager of Southern textile office of Douglas Company, which is located at Green-C., assisted by Southern epresentatives, Messrs. J. representatives. Frank Crawford and Guy L. Morrison, will be in charge of exhibit at the Third Southern Textile Exposi-

The exhibit will consist of samples of the various products manufactured both for textile uses as: well as other purposes. An extensive display has been prepared of warps and cloths sized with Doug-las Textile Starches. There will also be shown other products in the manufacture of which Douglas Starches have been used.

The Douglas representatives will he very glad to furnish information with reference to the use of corn starches for sizing purposes, there-by making the exhibit of benefit as well as of interest.

Southern States Supply Company. This company will exhibit the Isko Electric Refrigerating plant; and have this refrigerating plant; and have this refrigeration unit in connection with special ice water cooling tank for supplying cold drinking water to cotton mills and other manufacturing plants. This equipment is especially designed for furnishing refrigerated drinking water; and for cotton mills it can be done without the use of a circulat done without the use of a circulating pump.

American Kron Scale Company.

PROGRAM FOR EXPOSITION WEEK

May 5-Grand Opening of Third Textile Exposition. Baseball, Furman vs. Wofford.

May 6-School and College Day. Golf Tournament open. Dances at night.

May 7-Governor's Day. Ball at night. Colossal pageant by Y. W. C. A., "America We Come," at 9 p. m.

May 8-Southern Textile Association Convenes-Addresses, Discussions, etc. Social Welfare Congress Convenes. Redpath Chautauqua Opens. Textile Workers Day at Exposition. Spectacular Pageant at Night. Special entertainment for Welfare Congress. Old Hickory Concert Company opens engagement for three nights.

May 9-Textile Workers Day. Closing Sessions of Southern Textile Association. Brilliant features of Welfare Congress. Dancing.

May 10-Sailors and Soldiers Celebration. Confederate Memorial Parade and Exercises. Military Rally. Barbecue for returned Service Men. Grand Climax of Exposition.

destructible. You can pull this returning the levers or platform to scale over the most uneven floors the factory, which is common with like any ordinary hand truck with- other automatic scales, out injuring the scale mechanism J. Kirk Powell Company, of Louisor destroying the accuracy of the ville, Ky., is Southern representa-scale.

The mechanism is entirely free from springs, of a self-balancing based on the principle of selfsealing; that is, the scale must al-ways indicate the correct weight as ways indicate the correct weight as of cut flowers, potted plants and long as there is no friction or obsuch other exhibits as usual to, a struction in the platform or in any greenhouse; also cut flowers and of the vital parts. When a load is plants to be used in other booths placed on the platform, whether of other exhibitors during the excarelessly or gently, it is transmitted to the mechanism directly by a non-leakable levers through the a non-leakable levers through draft rod, but the shock itself is absorbed by a non-leakable frictionless dash pot. This dash pot can jobbing house located in our midst, be adjusted to suit the conditions The Perry-Mann Electric Comunder which the scale is working pany of Columbia, S. C., are wholeunder which the scale is working by the layman. You can use any kind of liquid in this dash pot, from water to heavy oil.

The platform is constructed entirely of steel with interchangeable The American Kron Scale Com- bearings throughout. This is one the Carolina, cany will have an exhibit which of the most important features in This compared to the compared to will feature their cotton bale porscale construction. If an accident 1899 as wiring contractors, continthe title, "World Wide Distributors
table scale,

This scale has been constructed of the bearings and replace them izing the need of a jobbing house in of their fifty-two cotton mills are
with a view of giving the user a in less than half an hour, or in a South Carolina, they discontinued located in the South,
weighing device that is almost invery short time, in the field without their contracting department,

(Continued on Page 20.)

Graceland Greenhouses.

The Graceland Greenhouses Greenville will exhibit at the Southern Textile Exposition will consist of cut flowers, potted plants and

Perry-Mann Electric Company.
It will be of interest to the readers of The Southern Textile Bulletin to learn more of an electrical

sale dealers in electrical supplies and appliances. They represent all of the largest manufacturers in the their line and carry the largest assorted stock of wiring materials in

This company began business

Since this they have devoted their whole time and energy to serving central stations, cotton mills, elecindustrial contractors and trical plants in a manner that demonstrated their ability to serve the electrical industry.

Monroe Calculating Machine Company.

The Monroe Calculating Machine Company's exhibit this year will be in charge of Mr. C. E. Dechant, who is their district manager for the states of North and South Carolina. He will have as his assistant, during the exposition, Mr. F. E. Gray, who is the local manager for the state of South Carolina, with headquarters at 301 Temple Building, Greenville, S. C.

demonstration of the Monroe A machine is an education, as there is no figure work known to pencil and pad that this little "figure wizcannot handle with surprising speed and absolute accuracy. Whether your problem is one in addition, subtraction, multiplication, division, or their several combina-tion, the result can be reached through an easy mechanical process with no mental effort.

This year's show gives promise of bringing home a great many lessons to the mills, and the necessity for them to improve their operating conditions. During the period of that high prices, any machinery the could be operated at all could operated profitably. In view of the changed labor conditions, manifest-In view of the ly shorter hours, etc., there is go-ing to be a demand for labor-saving machinery which has never been so prenounced before.

You will receive a warm welcome at the Monroe booths. You are invited to bring along a sample of your figure-work and see how easily the Monroe can reduce it to a simple process, whether that fig-ure-work is discounts, interest, payrolls or cost statistics where the requirement is for six or even more decimal places in the result.

Hunter Manufacturing & Commis-

sion Company.

This progressive firm is rapidly developing and expanding their trade in foreign fields to such an extent that they have today earned the title, "World Wide Distributors of Cottes Expires".

Textile Exposition Opens Mond

facturing concerns of America have closed contracts for the exhibition of cotton mill machinery at the Third Textile Exposition which will be held in Greenville next week. Eight hundred manufacturers and representatives have made reserva-tion to visit Greenville during the exposition. In connection with the exposition, the Southern Textile Association, of 2,500 members, will hold its annual convention here May 9th and 10th, and the first ansession of the Southern Social Welfare Congress will be held the same dates. Frank A. Vanderlip, president of the National City Bank, of New York, and Governor Robert A. Cooper, of South Carolina, are among the prominent speakers in-cluded in the program. Saturday, May 10, has been desig-

nated Sailors' and Soldiers' Day and a welcome celebration will be held in honor of the returned men. An impressive feature will be the annual observance of Confederate memorial services in which the soldiers of the recent war and surviving veterans of the War Between the Sections will march side by side in a street parade. The War Department, it was announced, will be requested through South Carolina congressmen to detail two army aeroplanes to Greenville for exhibition flights that day. The aviators will be asked to drop flowers the Confederate graves

The official program of the exposition will include numerous features of an instructive nature and the object of variety will be reach-ed in various entertainments that will be offered by the Girls Patriotic League of Greenville, the Young Women's Christian Association, the industrial schools and colleges of the South and professional per-

The 118th infantry band of the Thirtieth Division, which originally came from Williamston, S. C., with musicians from throughout the South included in its personnel, will arrive in Greenville for the opening of the show following its tour of

of the show following its tour of the States in the interest of the Vic-tory Loan. Concerts will be render-ed daily by this military band.

The exposition, it is announced, will open at 10 a, m. and close at 11 o'clock at night. A summer garden, artistically decorated, will be pro-vided for conventions, assemblies and dancing at night. A ball and buffet luncheon are among the sobuffet luncheon are among the so-cial features included in the program of the Southern Textile Association. A dinner will be served one evening of the show in honor of the textile and cotton manufacturers

The luxurious Country Club will be thrown open to the visitors and devotees of golf, tennis and other outdoor sports will find this resort outdoor sports will find this resort an ideal place for relaxation and re-creation. A golf tournament for the entertainment of the visitors will be in progress that week. Among the exhibitors and others who have made reservations to visit Green-ville during the exposition are some of the most experienced golf players

Over two hundred textile manu- of large Eastern clubs and it is Washington

pushing the exposition over the road to success. A dynamo of en-ergy behind the enterprise in the Southern Textile Association, which in reality, is the father of the move-ment that swept the first Southern Textile Show into instant success and paved the way for the erection in Greenville of the magnificent hall as a permanent home of the expo-

street, known that many of them expect throw of railway sidings, was comto compete for honors on the Sans pleted at a cost of nearly \$250,000, which is probably the biggest Souci links,
The Textile Club, the Rotary achievement ever undertaken by Club, the Chamber of Commerce, any city of the size of Greenville the City Council and other organizations of Greenville have placed their for the holding of these textile shoulders behind the wheel and are shows and similar expositions.

The dimensions of the building are 101 feet wide by 234 feet long and contains a floor area, including the balconies and mezzanine floors, of about 60,000 square feet.

The actual area reserved for exhibits amounts to over 28,000 square feet, exclusive of aisles, stage, offi-ces, toilets, cloak rooms, stair tow-

as a permanent nome of the expo-sition. The building is immediately adja-The Southern Textile Exposition cent to the terminals of the Pied-company's building, located on West mont and Northern lines, and ex-

stone's hibits are handled from the rail-as com- road directly into the building with-

out rehandling.

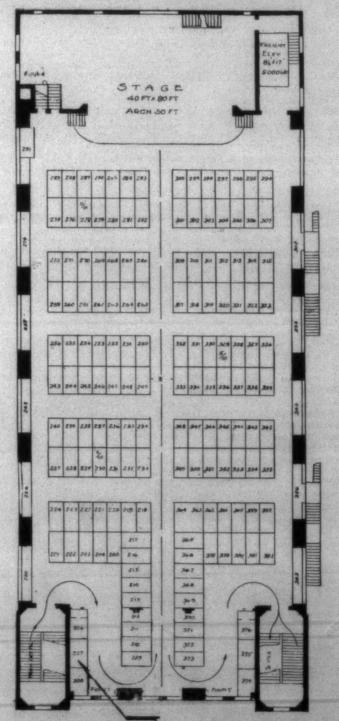
Telephone and telegraph connections will be installed into the building for the convenience of the exhibitors.

The floor plans for the first and second floors of the building have been greatly improved by running three main alleys through the building, connected by cross alleys, which makes practically every exhibit booth an outside booth. The only booth an outside booth. The only criticism against the last show was the dead ends, and these have been entirely eliminated by the new arrangement. While some few exhibit spaces are lost through this arrangement. rangement, the management lieves that the improvement worth more than the sacrifice.

The Southern Textile Hall is not only a credit to Greenville, but to the entire South as a magnificent structure in the name of the Southern Textile Exposition, Inc. This building, covering half a city block in the heart of "The Textile Center of the South," was constructed at a cost of \$250,000, primarily as a cost of \$250,000, primarily as a permanent home of a biennial exposition of cotton mill machinery, and at the outbreak of the European war was one of three such institutions in the world. Boston and Paris had claim to the other two. The latter was shelved for the duration of the well-known emergency, and such undoubtedly would have been the fate of the American twin-shows but for the unexpected early cessation of hostilities.

When America became emboiled, the war clouds dampened the hopes of the local directors and it was decided to act in accordance with the sentiment of the American Manu-facturers Association to temporarfacturers Association to temporarily abandon the exposition. But with peace dictating reconstruction and the clothing of millions, it is plain that the American manufacturers are entering upon a period in which their factories will be seriously taxed to fill the vaccuum that exists abroad exists abroad.

Transition from war to peace time basis will necessitate changes in the machinery of many Southern cotton mills, and the Southern Texcotton mills, and the Southern Textile Exposition management realized that it would be decidedly advantageous to bring the textile and cotton manufacturers together, to combine their interests at this opportune time in one of the biggest textile expositions ever held in America. The revival of the Southern Textile Exposition at this par-America. The revival of the Southern Textile Exposition at this particular period practically assures its success, according to the opinions success, according to the opinions of leading cotton manufacturers of the South, who were taken into confidence before it was definitely decided by the corporation to stage the exhibition at this time. Manufacturers of textile machinery were likewise sounded out, and it was the consensus of opinion that the Southern magnates would most assuredly make no mistake in proceeding with plans to hold it May 5-10, 1919. They offered their co-operation to make the exposition of surpassing im-



Booth of Southern Textile Bulletin

ing has the largest capacity of any single hall in the South, the management has not encountered any difficulty in disposing of the floor space. Some of the manufacturers filed their applications immediately Some of the manufacturers after the close of the second exposition two years ago, having been gratified over the benefits in actual sales that accrued as a direct result of their respective displays.

It was agreed to stage the Southern Exposition in May because that month is the brightest, most favorable and withal the garden month of the year in this salubrious clime.

The reputation of the Southern Textile Exposition is known from the Atlantic to the Pacific, from the Lakes to the Gulf, and no sooner had bare announcements filtered through the press than the local management was literally snowed under with applications. Represen-tatives have been constantly in management was ouch with either Mr. McPherson or Mr. Burnett.

Southern Textile Association Program.

Thursday. 11:00 o'clock Thursday a, m., address of welcome on the part of the city by Mayor Harvley.

Address of welcome on behalf of the manufacturers by Mr. Allen J. Graham, president of Mills Mfg. Co., Greenville, S. C.

Reply to address of welcome by W. M. Sherard, vice president, Glenn-Lowry Mfg. Co., Whitmire,

President's Address by A. M. Dixon, assistant treasurer. Trenton Cotton Mills, Gastonia, N. C.
Organization of round table work,

onsisting of the appointment of chairman and committee on carding, another on spinning, another weaving, and all other departments of cotton manufacturing, for the purpose of presenting technical paers at the association meetings. This plan was outlined at the This. Wrightsville Beach meeting, June, 1917, by F. Gordon Cobb, under the title of "A Plan for Better Technical June,

Papers at the S. T. A. meetings." and reach its be Informal ball at Cleveland Hall, its full fruition. 9:30 p. m.

committee for the different departments

Short talk by Professor Doggett of

Members desiring to play golf can do so at Sans Souci Country Club, which will be open to S. T. A. visi-ters during the week. See special announcement.

What She Was.

She came up to the bank cashier's disk and tendered a check for \$100. "What denomination, please?" asked

'Methodist," she replied. "What are you.

portance and contracted for large Our Constitution the Antidote for exhibit spaces. Although the build-Bolshevism.

"It is just as ridiculous to abandon that constitution of government," said Harry F. Atwood, in discussing "Our Constitu-tion, the Antidote for Balshevism," at the convention of the National Association of Cotton Manufacturat the Hotel Biltmore, "as would be to abandon the ten digits. in the realm of mathematics; and it because of that fact that I am willing to impose upon you at this

"During all the thousands of years prior to the writing of that constitution and the founding of this republic, the pendulum of govern-ment throughout the world was swinging back and forth from one extreme to the other, from the extreme of autocracy, which results in tyranny, to the extreme of democracy which has always resulted in chaos. That pendulum was swinging throughout the world, as it has recently in Russia and now in Germany. The men who founded this government said that they were more fearful of democracy than they were of autocracy; they made very clear distinctions between a republic and a democracy, and they called what they founded a republic. We never used the word democracy in referring to our government during the first hundred years. It is an innovation, and since the world has been began

growing chaotic.

"In no sphere of activity do we find the dangers of the two extremes more disastrous, and on the other hand the value of the golden mean more beneficial than in realm of government. Too little participation by the people means autocracy, which results in tyranny. On the other hand, too much participation by the people means democracy, which results in democracy. It is the golden mean, the republic—the standard form of govof government, strictly and literally adhered to-which gives just the right amount of participation by the people in governmental affairs and causes the political plant to thrive and reach its best development and

"And yet every state in the un-Friday. ion, instead of using it as a model, Reports from the chairman of the is trying to see how far they can from it; and there is not man at the peace table who would know our Constitution if he saw it

Short talk by Process.

Clemson College.

Two technical papers covering subjects of vital interest to the mills.

Election of officers.

Buffet luncheon served immediately after adjournment in the Texage at the four elements of a republic. A republic is a form of government under a written constitution that provides for an executive and a legislative body, enumerate their qualifications and defines their powers, provides for a judicity when their powers, provides for a judici-ary and for individual rights. When you take away one or more of those you drift into autocracy, and when you add one or more to those four elements you drift into democracy.

"And I want to tell you that if

now. When a man is extremely we would any other nuisance that gluttonous we say he is hoggish, might be gotten rid of. and what hoggishness is to gluttony, "All commissions that have been

Bolshevism is to democracy.
"We followed that constitution pretty closely for a hundred years, but what about the latter part of the nineteenth century one of the demagogues said you can make a dollar out of 50 cents, and many fol-lowed that notion. Since then the demagogues of all parties have been trying to outdo him and we have suggested such things as the initiae and referendum and recall, re call of judicial decisions, boards and legislation commissions, excessive and constitutional amendments, un-

til we see no end want to give you a few specific points as to how those departures from the constitution working out. I have been a lone voice crying in the wilderness, 'said nineteen years ago that we oald wind up where we are today. There is no cure for the condition today other than that constitution, any more than there would be for a bank balance that you had been guessing at, than to apply the ten It was the only thing that ever worked, and it gave us a leading place among the nations of the world, without a great army or navy. But about twenty years ago foreigners began coming here and orld, without telling us about the old schemes that ruined Greece and Rome, and demagoges began advocating them as new progressive ideas. From 1901 to 1910, in every state, we more than doubled the expenses of government. In Wisconsin, which was designated as a model governmentstate which produced the patriotic senator, who was a leader in the progressive movement out they there during those 'en yearsnearly multiplied the taxes by three, and had they kept it up for two decades, it would confiscate the property of the state. And yet we were sending college students from Yale and Pennsylvania to Madison, Wisconsin, in order that they might behold a model government, with tendency that in twenty years would wreck the property of the state.

"And you could not go into a meeting of reformers without hearing some one talk of the wonderful government of the state of Oregon! with the initiative, referendum, boards and commissions plastered all over the state until you can hardly move around. But if tered all over the state until you ask a man on the train now where he is from, and he says Oregon, and you ask about his govern-ment, he will talk about the weath-er. He is ashamed of it.

"In Oklahoma they produced a enator who said that if a judge of the Supreme Court should happen to declare any piece of legislation unconstitutional, his term of office as judge should automatically ex-pire. And they wrote into their state constitution, some hundreds of pages of fine print, a proposition that innkeepers must furnish to guests sheets not less than seven that point was made clear you would and a half feet long. In Illinois, have Bolshevism buried in no time, where I came from, we had one where I came from, we had one Because Bolshevism is only extreme hundred and twenty-eight boards democracy. We said, 'Make the and commissions, but we struck world safe for democracy,' and Rus- them out of existence by one piece A hundred years from now most sia was the first of our victims, of legislation last year, and never of the millionaires can say that their Russia is a perfect democracy right missed any of them any more than ancestors were butchers.

appointed since the constitution was adopted were departures and dangerous experiments, and their existence has resulted in the expendi-ture and waste of billions of dollars, lessened the efficiency of public service and confused governmental procedure.

"I tell you business men, you want to strip the federal government and the state government of every board and commission. We had few the first hundred years, and it is quite time we returned to those simpler

'Now I want to tell you that the men who founded our republic were not thinking of popular government or popular fallacies. They were thinking of representative govern-ment. They knew human nature, and provided for the practice of government in the same way you practice medicine or architec-ture. And during the first hundred years there never was a question submitted to the American people for decision, and there never should

be. "Since we have started these popular fallacies we have ceased producing big men. I could call eleven men out of the Senate and thirty out of the House, and the rest haven't even t he intelligence to know their constitutional rights; or the courage to maintain them.

"We want to return to the point from which we started and ascertain where we now are. And the mental attitude of the American people, and especially our so-called leaders-I call them demagogues, most of them, of all parties.

"I want to tell you we had better pull some feathers out of the wings of our imagination and stick them into the tail of our reason, and show respect for the greatest human document ever made by the hand of man. And because a great many people are not familiar with these facts, I want to drive this statement into your minds:

That there was no government in the seven thousand years of history, prior to the writing of that Constitution, to which the histor-ian can point and truthfully say: There was a government that work ed well.

"That the men who founded this government were more fearful of democracy than of autocracy, and they founded a republic, which was and a mean between the two.

"The Constitution is a simple ing. The world failed until it thing. The was adopted. It progressed when we followed it; and since we de-parted from it, it has grown more and more chaotic."

Not Strong Enough.

"So," sobbed Ilma Vladoffovitsch-skioffsky, "Ivan died in battle. You say he uttered my name as he was

dying?"
"Well, not all of it, Ilma," answered the returned soldier; "just part of it

Must Co-Operate For World Trad

"There is no doubt that for a long time to come there will be business for Americans to do," was the mes-sage of Allen Walker, manager Foreign Trade Bureau, Guaranty Trust Company of New York, whose paper on "Banking Facilities the Key to Trade Expansion" was read Key to Trade Expansion," was read at the National Association of Cot-ton Manufacturers, "In more than one sense this land of ours is the hope of the world, but we must remember that it is a present hope. The probability is that the war experience through which they have just passed will lead those now dependent upon us to seek with redoubled energy to establish an independence of us and to avoid a re-currence of their present difficul-ties in respect to food, raw materials, machinery, construction ma-terial, and other things which they now expect to get from us.

"The business men of America e chiefly concerned, therefore, with that arrangement of various factors in the situation, with that use of the present opportunity, which will promise most for the

ong future.

"Now that the war is over we have a new and difficult situation to face. We could not go back into the old ways, even if we wanted to. Every right thinking man feels that there are international as well as national obligations and that having entered during this war emergency upon a period of large production and international trade, it is our duty not only to ourselves and our country, but to the whole wold to keep going. Comparatively speaking, we are amateurs. Generally speaking, we have made no study no study We Generally of foreign requirements. We are inclined to think that the kind of goods we manufacture and the way they are manufactured should suit everybody.

"Here is a problem that can only be solved by a closer affiliation among manufacturers, exporters and bankers. And such an affilia-tion will appear the more advanta-geous when these interested parties become thoroughly acquainted with the services which one can offer the other. Our merchants and manufacturers must become thoroughly and practically acquainted with the financial machinery for marketing and distributing their goods, both at home and abroad.

at nome and aproad.

"It is certain, for instance, that our exports to Latin America will not reach their peak until we extend as favorable terms as our conservative competitors. Of course, this does not mean that the Amer ican manufacture has to hamper his business by long, unjustifiable cred-It is seldom that the reputable-foreign buyer asks for terms ex-

ceeding ninety days.

"Bank credit bridges the gap between the raw material and the finished production-between produc-

"It requires the undivided attention of highly trained experts to deal successfully in foreign exchange and for all the various, newly-developed methods of financing products for export highly trained men are necessary, not to speak of a world-wide organization to accommodate buyers and sellers the world over.

The larger the bank the better its facilities ought to be, and the more economy in conducting its transactions, with resultant good to business generally. While a com-paratively small number of banks deal directly with the European deal directly with the European banks, there is hardly a bank in the United States which does not have transactions that are a direct re sult of exports or imports. The larger institutions are the channels through which these transactions ultimately find their way to foreign countries and make it safe for the bankers of the country at large to finance shipments of products to foreign countries.

"Heretofore it has been one of the great advantages of the European countries in foreign trade that their branch banks in various parts of the world, or the correspondent banks with which they allied themselves, have put them in the way of much business. Their banking houses in the less developed countries have been centers of influence. Members of the staff have kept in touch with local industrial and commercial affairs and have been able to keep exporters at home informed of new opportuni-ties. Previous to the passage of the federal reserve act our banks were greatly restricted in establishing themselves abroad. That has been changed materially now and many of our larger banks are establishing branches or relationships abroad which will contribute greatly to the fostering of trade relations. Of course, all this does not mean that any and every manufacturer must necessarily do his business direct with a large institution in order to procure the necessary accommodations in respect to foreign trade. He can do it through his local bank anywhere, and the local bank can use the large metropolitan institutions as a clearing house

"From the war we have learned the usefulness and the wastefulness of untrained effort. There are no training camps for business men, though they are urgently needed. The merchant and the manufacturer are just beginning to work together and to exchange opinions and experiences. If America is to be the leader in the contest for the world's trade there must not be co-operation; there must also be no limits to our commercial vision.

"It is obvious that the salesman's success depends largely upon the management of industry at home. tion and distribution. There is no And in the critical period of read-mystery and little complexity about justment it is important that indusfinancing foreign trade. The printry shall be definitely pointed tociples are the same as in domestic ward the proper goal. Industry business. There are only the differencies in language, differencies cohorts. The number of workers of currencies, and the greater distribution.

must be regulated by the rapidity with which industry turns from the churia are typical examples. In business of war to that of peace and consequence, American manufacthe extent of industrial expansion in new undertakings.

Capital will come readily to the aid of foreign trade if such trade is properly conducted. Probably we shall have competition from other nations for these stores of usable wealth, but the American foreign trader who selects his territory wisely, who conducts his business with care, should be able to match and to overmatch his rivals on the score of capital as well as everything elsė.

"Shipping facilities, banking and credit arangements, investment of capital abroad and for organization of exporters for united action are all of the greatest importance in inter-national trade. Realizing the necesof banking and credit facilities sity to finance their transactions, for-eign nations in the past have not established connections banking houses in every land, but they have established banks of their own in all parts of the world. Banks with their main offices in London. Berlin, Paris, Rome and Vienna, have operated hundreds of branches and agencies in South America, the Orient, Australasia, the Levant, all around the coast of Africa, and far within the interior. These banks give the foreign exporter informabanks tion, extend credit, finance his transactions and constantly strive to increase the foreign business of the Mother country. Up to the past year or two few foreign branches of American banks were establishand in most markets the exporters of the United States had to depend upon foreign bankers

"Though now increasing, foreign investments abroad have been comparatively small. British, French, German and other foreign traders, on the other hand, have enjoyed peculiar advantage from the bil-lions of dollars of investments made by the fellow-nationals in foreign countries, frequently on the expressed condition that supplies and equipment should be purchased in the country furnishing the funds. British and German investments in South American railways and pub-lic utilities, French investments in Turkey and Asia Minor, and Japan-

turers have frequently found it impossible to sell their products abroad because the prospective customer was forced to purchase from or through interested investors.

"American financial institutions are now trying to do their part to remedy this state of things. It is very sure that American capital henceforth will be furnished to finance industries in foreign countries, though it will doubtless take considerable education of the American investor to make him realize that the difference between foreign and domestic securities is only a matter of distance. The habit of investing in foreign securities will probably be developed only after a considerable amount of commercial credits, as differentiated from capital, have been extended.

"It has been said that America, possessing more surplus gold than any other country today, might relieve the European scarcity by ing industrial bonds at a profitable rate of interest, or foreign govern-ment bonds at a lower rate, either case contributing to a revival of business which would mean greater value for the millions of foreign se curities now held in the United States. To what extent this business may develop into actual practice, however, is something which the processes of evolution during the next twelve months will help to decide.

The rest of the universe is going to make a tremendous demand upon the productive energies of the Unit-ed States, and the processes of

LOMBARD

Foundry, Machine, Boiler Works and Mill Supply House

AUGUSTA

Capacity, 300 Hands
Hundred Thousand Feet Floor Space
Cotton, Oll, Gin, Saw, Grist, Fertlizer, Cane, Shingle Mill, Machinery
Supplies and Repairs and Castings,
Shafting, Pulleys, Hangers, Wood,
Coal and Sawdust Grate Bars, Pumps,
Pipe, Valves and Fittings, Injectors,
Belting, Packing Hose, etc. Cast every
day. One hundred machines and good
men ready to do your work quick.



Protecf Your Product From Oil Stains

be accomplished by the use of NON-FLUID OIL Special Textile

Lubricants.

NON-FLUID OIL is manufactured from the very highest grade petroleum which by a special process has been reduced to a non-dripping consistency. The striking advantages of this lubricant may be readily seen when you consider the enormous losses due to stained goods that usually confront the taytile manufacturer.

anufacturer.

power—Reduction of machinery upkeep costs. Increased production production increased profits are the advantages accruing from NON-FLUID hese are explained in our Bulletin on "Lubrication of Textile y." Send for your copy today.

NEW YORK & NEW JERSEY LUBRICANT CO. 165 Broadway

Branches: Atlanta, Ga. Charlotte, N. C. Lewis W. Thomason, District Manager, Charlotte, North Carolina

transition from highly stimulated trade as they reshape themselves to normal production must be operated carefully and guided reasonably if the machinery is to escape ment of the highways of the sea, jolts and breaks. We cannot hurpered which began with the opening of riedly apply economic law where the Panama canal and which was for years military law has entirely prevailed, and we shall profit if content to go a little slowly. We must sagaciously strengthen the foreging trade centers of the world. must sagaciously strengthen the for-ward movement in government, economies, industry and society, and look neither to the demagogues, nor to the reactionaries for our course. It is not what any class has gained or lost by the great tragedy the past four years, it is what mankind as a whole has gained or lost that bids us to be sober and

"Already there are very definite indications that manufacturers and merchants in the United States will take full advantage of the facilities offered by the Webb bill for operation in the world's markets. A number of groups, representing the major industries, have gotten togethand discovered that a spirit of co-operation developed during the war really means something, and that leading men in the several lines connection wih foreign trade ex-

it if of the war, will be carried out.

We There will be a shifting of the stratfor- egic trade centers of the world.
nent, The great vantage points of commerce will rise or decline in power, according to rearrangements of the currents of international trade. Some will sink into obscurity, others will become richer and more powerful and be the centers of the commercial struggles of tomorrow.

"This would mean world leaderpatient in anticipating the evoluship for the United States with its tions of the next decade. resources of men, materials and money such as no nation from the beginning of time ever possessed. It means a horrizon as broad as the earth. We must rise to the great opportunity, created partly by cir-cumstances, but largely by the native ability and initiative of our people. The prospect is so brilliant as fairly to dazzle the imagination. But its realization will come only after we have successfully fought our way to victory. And its materialization imposes upon us the of business are quite ready to pool materialization imposes upon us the their products and their finances in grave responsibility of discharging the products are quite ready to pool grave responsibility of discharging the product of the product o our duties to mankind with thoroughness and honor, as becomes "He who would be successful name of America throughout the must watch closely the currents of world,"

Conserve by Repairing Parts

The best equipped Oxy-Acetylene Welding Shop in the Carolinas. No job too heavy for our equipment. Send us your broken castings for prompt Service

Cotton States Wagon Co. CHARLOTTE, N.C.



Landscape Department

This department of our business will be represented at the Exposiion by Mr. Goodwin, a landscape gardner of experience. He will have many pictures to show you.

Look him up at space 383, second floor of the exhibition hall at Greenville. This will put you under no obligations whatever.

J. Van Lindley Nursery Co.

Pomona, N. C.

Carolina Steel Roller Shop

W. N. Sharp and T. H. Sahms, Proprietors
REPAIRERS OF COTTON MILL MACHINERY ROLLERS RE-NECKED AND RE-FLUTED, SPINNING SPINDLES RE-POINTED AND STRAIGHTENED GASTONIA, N. C. 417 N. Marietta Street

We Work to the Thousandth of an Inch

Delicate repairing of small parts. Cotton Mill Machinery and Automobile parts repaired and overhauled.

Designing and building special apparatus and machines. Remodeling weak and troublesome parts. Welding accurately done and refinished on two-ton grinding machine.

All work inspected by competent engineer.

U. S. Rutledge Repair and Engineering Company

1407 East Tenth Street, Charlotte, N. C. PHONE CONNECTION 3172

CAL C. WALKER

S. A. TOMPKINS

Walker-Tompkins Company

Plumbing and Heating Contractors

LET US FIGURE YOUR MILL AND VILLAGE

11 West Fifth Street

CHARLOTTE, N. C.

Acme Plumbing Co.

Charlotte, N. C.



Sanitary Engineers and Contractors

VOGEL

Frost Proof Closets

Quarter of a Million giving satisfaction. Save Water; Require No Pit; Simple in the extreme. The most durable water closet made. In service winter and summer.

Enameled roll flushing rim bowls.



Heavy brass valves.

Strong hard wood seat.

Heavy riveted tank.

Malleable seat castings will not break.

Sold by Jobbers Everywhere.

Joseph A. Vogel Co.

WILMINGTON, DELAWARE

Sole Selling Agents

Ralph L. Fuller & Co.

2 Rector St., NEW YORK CITY

Union Dye & Chemical Corporation

Federal Dyestuff and Chemical Corporation Kingsport, Tenn.

SULPHUR BLACK

The Best Type In The Market

SULPHUR BLUE 4 B.X.

Regular Production for Spot and Contract Deliveries

Southern Distributors

Parsons-Barr Company

78 Auburn Ave., ATLANTA, GA.

Forming World's Largest Cotton Warehouse Chain

and North, starting with a capital of \$20,000,000, and backed by leading manufacturers, cotton merchants and bankers. It is the culmination of a movement inaugurat-ed by the Cotton Buying and Storage Committee of the National Associa-tion of Cotton Manufacturers, of which Randall N. Durfee, treasurer of the Border City Manufacturing Company, Fall River, Mass., is chair-man, and is designed to meet an urgent demand for fireproof ware-houses, licensed under federal laws, and issuing negotiable receipts that will be acceptable as collateral domestic and foreign banks. It It is proposed to start with an initial capacity of 1,500,000 bales, of which about 500,000 bales will be in existwarehouses that will be purchased, the ultimate capacity to be about 3,000,000 bales

The members of the organization committee represented at Saturday's meeting in person or by proxy were as follows: Bernie L. Ander-son, Neil P. Anderson & Company, Fort Worth, Texas; J. T. Broadbent, Fort Worth, Texas; J. T. Broadbent, Meritas Mills, Columbus, Ga.; W. Irving Bullard, Merchants' National Bank, Boston, Mass.; A. J. Dossett, Texas City Compress & Concentration Company, Waco, Texas; W. R. Drake, Jr., Merchants National Bank, Raleigh, N. C.; Randall N. Durfee, Border City Manufacturing Company, Fall River, Mass.; Charles H. Ely, Monks & Johnson, Boston, Mass.

James Inglis, American Blower Company, Detroit, Mich.; J. E. Lath-am, Latham-Bradshaw Cotton Company, Greensboro, N. C.; O. W. Messimer, Imbrie and Company, New York; W. D. Nesbitt, Warrant Warehouse Company, Birmingham, Ala.; L. K. Salisbury, Delta Planting Company, Memphis, Tenn.; Wade Coth-ran, Cooper & Griffin, Greenville, S. C.; W. G. Turner, Memphis Terminal Corporation, Memphis, Tenn; Morton C. Tuttle, Aberthaw Con-Boston, Mass, struction Company, Boston, Mass; Rufus R. Wilson, Secretary National Association of Cotton Manufacturers, Boston. In addition, mem-bers of the committee will be se-lected to represent the following important cotton centers: Houston and Dallas, Texas; Oklahoma City, Okla.; Pine Bluff and Little Rock, Ark.; Montgomery and Birming-ham, Ala., and Brunswick, Ga.

The committee effected a temporary organization with Randall N. Durpee of Fall River as chairman, and Rufus R. Wilson as secretary. The treasurer of the committee is W. B. Drake, Jr., of the Merchants National Bank, Raleigh, N. C. The committee authorized the engagement of engineers to make a survey ment of engineers to make a survey of the plans and the plants to be taken over and prepare a report for submission to underwriters; it is understood that Monks & Johnson, of Boston, are to do this work. A sub committee on underwriting was elected as follows: Rufus R. Wil-

most experienced cotton warehouse men in the South, is prominently nentioned as being slated for the managing head of the new com-pany. It is also reported that the plans contemplate negotiations for the Memphis Terminal Corporation's warehouses, and also those of the Warrant Warehouse Company, of Mobile, Ala. Plans for under-writing the company are said to be well under way. In addition to the \$20,000,000 of common stock, the fi-\$20,000,000 of common stock, the fi-nancing will involve \$15,000,000 of first mortgage, 50-year gold bonds bearing 6 per cent interest. The plans of the corporation, as ex-plained in a preliminary prospec-tus are, in large part, as follows: The Union Warehouse Corpora-tion is to be organized for the pur-pose of purchasing lessing and oth

pose of purchasing, leasing and otherwise acquiring. existing warehouses; remodeling them, and erecting new, modern warehouses at important Northern and Southern noints for the storage of cotton. Also, in response to an insistent and increasing demand for more insistent and increasing demand for more economic methods, it will eventually engage in the business of compressing, baling, banding and covering cotten in a manner that will assure a high grade of efficiency in operating methods, will eliminate much of the economic waste, converting the same into a profit for verting the same into a profit for the corporation, and will go far to-wards averting the danger of future wards averting the danger of future foreign competition. At as many of the warehouses to be purchased or erected as is deemed advisable, there will be installed a modern compress plant, where bales of cot-ton may be compressed to a high density, properly covered and banded in a manner that will insure safe transportation without injury to the fiber. All warehouses will be installed with modern facilities for economic handling in and out and with appliances for weighing and certifying the cotton as to weight and grade.

All warehouses will be constructed on the "unit system," each unit capable of storing about 10,000 bales, the warehouses being thus capable of expansion at a minimum of the capable of expansion at a mi cost to meet the requirements of future growth. All warehouses will be of fireproof construction, installed with modern sprinkler systems.
They will be built in strict accordance with underwriters' requirements, and the cotton will be stored in them so as to enable the lowest rate of insurance to be obtained. In symptoms will be somether all warehouses will be so general, all warehouses will be so constructed and operated that receipts issued for goods stored thereceipts issued for goods stored therein will be prime evidence of ownership, weight, grade and deliverability, and will be acceptable as collateral at all banks that make a
practice of loaning money on cotton
to the end that the receipts for
goods stored in one of the ware-

As outlined in these columns, will have one warehouses will be established at tives therein. various centers, with initial capaction will be in the columns.

The Union ities amounting to 1,500,000 bales.

of a board of directors, all of whom city of New York.

houses of the Union Warehouse shall be subscribers to the capital Corporation will be acceptable as stock of the corporation. They will collateral in England at banks, thus be chosen from the various greatly facilitating export transactions.

As outlined in these columns, will have one or more representatives therein.

The Union Warehouse Corpora tion will be incorporated under the The management of the affairs of laws of some convenient state, and the corporation will be in the hands will have its headquarters in the

MICHAEL & BIVENS, INC.

ELECTRICAL ENGINEERS AND CONTRACTORS

Mill Wiring and Armsture Winding

Phone 133

GASTONIA, N. C.

LOOM-LUBRIK TWISTER RING GREASE MYCO GREASE SIZE

MYCO FLUIDO REMOVOIL

MASURY-YOUNG COMPANY

BOSTON, MASS. Disinfectants, Spot Removers, Greases, etc.

The IMPERIAL OVERHAULERS

Box 93. Greenville, S. C.

Prompt and efficient service. Will overhaul, remove and reir all parts of worn or broken Textile Machinery. Expert pair all parts of worn or broken Tomechanics and shop equipment good.

Specialties-Reclothe Cards and Balance Flyers

Write for further information and reference.

SLASHING COSTS SLASHED!

By Using

"AMALOL" and "LIBERTY GUM" IN YOUR SIZE

These two "Amalie" brand Textile Products boast of numerous users amongst Souths Leading Cotton Mills.

YOU CAN BE SURE THAT

1—The tensile strength of the fibre will be increased 15 to 20 per cent.

2—Shedding and Mildew will be wholly eliminated.

3—Better and more uniform whites will be obtained.

Let us ship you a barrel of each on APPROVAL

L. SONNEBORN SONS, Inc. 262 Pearl Street, NEW YORK, U. S. A.

BRANCHES IN IMPORTANT CITIES

Manufacturers of the famous "Amalie" Lubricating Oils and Greases

United Chemical Products Corporation



Importers, Exporters and Manufacturers

York and Colgate Streets, Jersey City, N. J.

ANILINE COLORS

Acid, Direct, Basic, Chrome and Sulphur

SUMAC EXTRACT

Logwood, Hematine, Gambier, Fustic, etc. CHEMICALS

Softeners, Sizes and Finishes. Soluble Oils, Textile Soaps and Gums INQUIRIES SOLICITED

Southern Representatives
R. T. GRANT, 198 West Peachtree St., Atlanta, Ga.



The Red Bands of Howell **Are Your Surety of Motor** Performance

Every time you see a Howell Motor you will see the red bands on the ends of the housing-they are the visable evidence of our determination to keep faith with Howell users in every corner of the world -they are your surety of motor performance.

This will serve as your guarantee—your assurance that you will always get from your Howell just the kind of dependable service you would expect from a sturdy, correctly designed, time-tried, long-lived electric motor.

> Sizes One to One Hundred Horse Power Write or Wire Your Requirements

Howell Electric Motors Company GENERAL OFFICES AND FACTORY HOWELL, MICHIGAN, U. S. A.

J. R. PURSER, Southern Representative, Charlotte, N. C.

HOWELLREDBANDMOTORS

TEXTILE BULLET

Published Every Thursday By

CLARK PUBLISHING COMPANY

Offices: 39-41 S. Church St. Charlotte, N. C.

DAVID	CLARKManaging	Editor
B. ARP	LOWRANCEAssociate	Editor

SUBSCRIPTION

One year, payable in advance	\$1.50
Other countries in Postal Union	. 3.00
Single Copies	10

Contributions on subjects pertaining to cotton, its manufacture and distribution, has been fair treatment and co opare requested. Contributed articles do not necessarily reflect the opinion of the publishers. Items pertaining to new mills, extensions, etc., are solicited.

ADVERTISING

Advertising rates furnished upon application.

Address all communications and make all drafts, checks and money orders payable to Clark Publishing Company, Charlotte, N. C.

THURSDAY, MAY 1, 1919

The child labor section of the federal revenue law went into effect upon April 25th and we have re- to see the authority of any inspec- the following letter: peatedly advised the cotton mills to tor before admitting him or her. carefully observe its regulations and to co-operate with the department ment. One section of the law provides a penalty of \$1,000 for refusing to admit an authorized inspec- for such work. tor to the mills but there are no "authorized inspectors," except those sent out by the department of internal revenue.

Information has come to us that the childrens bureau of the department of labor is sending inspectors to cotton mills, who either state or imply that they are connected with the enforcement of the present child labor law.

Judging by the work recently performed by such inspectors their object is to obtain information that' will be distorted and misrepresented to the injury of the mills.

The fact that an inspector is employed by a government depart- in the world at the beginning of ment does not give him or her any the war. The countries of Europe ment does not give him or her any the war. The countries of Europe Thanking you very much for your authority to enter or inspect any that did not have their cotton mills most courteous letter, I am, cotton mill. Unless especially au- destroyed or disorganized by the thorized as are the inspectors of war now have them so badly handithe revenue department they have capped by labor unions that full. In recent years a large cotton no more authority or right to enter production is impossible and the growing industry has been developa Fall River labor union.

department before admitting them.

The childrens bureau of the department of labor will use almost of internal revenue in its enforce- any trick to obtain material upon Dear Sir: which to attack our mills and they should not be given opportunities

Mill Building Resumed.

While cotton manufacturing conwhere there is any real profit in manufacturing they have improved to the extent of restoring confidence in the future. The best evidence of this is that ten new cotton mills have been organized or are now in process of organization. Six of these mills have been announced and we have definite information about the others.

Why should the South not build of the 132,000,000 spindles that were question.

land, it was no longer possible for England to compete with the south because of labor troubles. We talked last week in New York

with New England cotton manufacturers and they painted a gloomy picture of the future with labor troubles almost daily before them. If we can arrange some way for certain young attorneys and organizers to make a living without promoting hatred and passion in our Southern mills we will be the only cotton manufacturing section of the world that is free from labor troubles and in a favorable posi-

Our operatives are friendly with the mill managers because there eration from both sides and we do not believe that there will be permanent labor troubles in the South. If the old spirit of friendliness continues between employers and employees, the great export trade that is sure to come will force an expansion of our textile industry far beyond our present 15,000,000 spin-

The Imperial Valley of Southern Tricks of the Department of Labor. mitted and assisted in every way California is allied with the South but be sure that they are from that and is one other section that is optimistic of the future of cotton There can be no offense in asking manufacturing as will be seen from

Mr. David Clark,

Managing Editor, Textile Bulletin, Charlotte, N. C.

I have your favor of the third. and in reply will say that if you will enough to forward me the names of the practical cotton man-ufacturers and engineers you refer to in your letter, I will greatly appreciate the favor.

It would be more or less of an ditions have not reached a point impossibility to tell you at this time what we hope to manufacture from raw cotton as we have not gone that far into the matter. We have We have over \$60,000,000 worth of raw cotton raised in this state ever year and but one cotton mill and that located in Oakland, Calif. As far as the amount of capital we have behind us will say that it is unlimited as the largest fluancial men in Southern California are back of the

What we hope to eventually do mills? It has now only 15,000,000 is to make all cotton goods that are used in any great quantities from the cotton mill that we establish here

Yours very truly, T. R. Tingle.

a mill than a walking delegate from building of new mills is out of the ed in Southern California and they now propose to manufacture part Inspectors from the department Last week a prominent thread of that cotton into the goods that of internal revenue should be ad- manufacturer of Canada paid us a are used upon the Pacific coast.

call, while in the South buying The freight rates from New Engyarns, and said that while he had land and the Southern states to always purchased his yarns in Eng- California are very high and this saving in freight will, according to those interested, represent a very handsome profit-upon the capital invested in California mills.

> The building of mills in California is a matter of the future but a resumption of mill building in the South is assured, in fact, has albegun upon a considerable scale

Big Community House at Drayton Mills.

Within six weeks the contractors working for the Drayton Mills Com-pany, Spartanburg, S. C., expect to have ready what will be one of the three largest community houses of any mill village between Atlanta and Richmond. The building is finished outside already, except the roof, and the inside is ready for the plastering to be begun.

The new building is located in the western part of the park which surrounds the mill, and in a place which is easily accessible those living at Drayton. to all Tt. planned to have it ready to open by June 1. The building, which is of brick, will cost when finished, nearly \$22,000, and will contain a library, a large gymnasium, rooms for night school, bath rooms for both men and women, reading rooms, lounging rooms, a moving picture room and other features.

In addition to this large new community house, the owners of Drayton Mill are improving the mill and the village in many ways. wood work in the mill is being taken out, and new material is replac-ing it. Sanitary toilets and a sanitary water system is being installed. The plain looms that have been used for many years are giving way to Draper looms. All modern equip-ment is being installed. The entire mill will be repainted inside in shades that will make the inside of the building lighter and the newmethods are being used in the manufacture of the goods.

The new office buildings and a large store house is being erected at a cost of about \$45,000, and new concrete platforms have just been finished, as well as a new brick warehouse.

The chief innovation at the mill village, however, is the formation of what is known as the Drayton Mills Welfare Association. This is an or-ganization made up of mill officials and operatives for the purpose of arrying on the social work of earrying on the social work of the village. B. M. Montgomery, president of Drayton Mills, is president of the association; G. Roquie is treasurer, and L. A. Ramsey is secretary and treasurer. There are, in addition to these officers, various committees which have in charge all activities at the village. When any new feature is confermed. When any new feature is contemplated it is given to the committee in charge of that activity, and acted upon and reported to the main committee for adoption or rejection. In this way the villagers themselves manage the affairs of the entire set-tlement, and decide what new activities they will begin.

Personal News

ton, Ga.

T. J. Rush has resigned as overcarding at Buck Creek Mills, Siluria, Ala.

B. C. Roberts has accepted position as overseer carding at the Buck Creek Mills, Siluria, Ala.

I. Z. Norris has resigned as spinning overseer of No. 2 room at the Thosaston (Ga.) Mills.

Palmetto (Ga.) Cotton Mills.

Edward Coggins has accepted position as overseer of weaving at the Palmetto (Ga.) Cotton Mills.

Carlton Oates has been promoted from second hand to overseer of weaving in the Tire Fabric Reom of Thomaston, (Ga.) Mills.

ed position with Cuers Textile Mills.

Wm. Crawford has resigned as overseer of spinning at the Hampton (Ga.) Mills and accepted position with Georgia Mills No. 2, Griffin, Ga.

ning at Beverly Cotton Mill, Middleton. Ga:

tonia, N. C.

D. A. Reed has been promoted to Mills Company, Albemarle, N. C. superintendent of the Hogansville Manufacturing Company. (Ga.)

Paul Nuckols has resigned as sumed carding overseer at the Exposition chasing Mills, Atlanta, Ga., and accepted a similar position with Indian Head Mills, Cordova, Ala.

J. W. Starnes from Flint Mill, Gastonia, N. C., has accepted posi-tion as overseer of spinning, twist-ing and winding at Cleghorn Mills, Rutherfordton, N. C.

J. J. Graham, formerly overseer of carding at night at Rex Spinning Company, Ranlo, N. C., is now over-seer of carding at Cleghorn Mills, Rutherfordton, N. C.

account of ill health.

W. F. Quinn is now overseer of Robert A. Morgan, assistant agent carding at Irene Mills, Gaffney, S. C. of Marginnis Cotton Mills, New Or-R. G. Vandore is now superintenent of the Beverly Mills, Middlewhich they plan to install soon.

C. Barton is now overseer of son Manufacturing Company, Fayweaving at Anchor Mills, Hunters-ville, N. C. has accepted position as overseer of spinning at Weldon, Manufacturing Company, Weldon, T. J. Prince from Holt William-

> J. G. Flood, who has been with Monticello (Ark.) Cotton Mill for a number of years has accepted posi-tion as master mechanic for Aponang Manufacturing Company, Kosciusko, Miss.

S. Gammon, Neil McQueen and Thosaston (Ga.) Mills.

D. R. Hinkle, former employees of
John Hughes has been made over- the Exposition Mills, Atlanta, Ga.,
seer of the carding room at the have arrived back from overseas service with the American Expeditionary Forces.

> William T. Sizemore has been promoted from second hand in spinning in the number one mill of the Highland Cotton Mills, High Point, N. C., to be overseer of spinning in mill number two of the same company.

seer carding at No. 1 room of the the Edna Mills, Reidsville, N. C., ed position with Characteristics. has received a cablegram from his son, Paul Scott, advising him that he has sailed from France. Mr. Scott has been in service over there for some time.

Eugene H. Timanus, formerly superintendent of the Druid Mill of Mt. Vernon Woodberry group, W. G. Thompson, formerly with the Mt. Vernon Woodberry group, Fulton Bag and Cotton Mills, At-land, Ga., is now overseer of spin-perintendent of the Mt. Vernon lanta, Ga., is now overseer of spin-perintendent of the Mt. Vernon Wills, North and St. The word of the Mt. Mills Nos. 1 and 3, to succeed C. H. Savage, resigned.

E. M. Hoover, formerly master. H. C. Harris, who has been over-mechanic of the Shuford Mills, seer of carding for the Cheraw Cot-Hickory, N. C., now has a similar ton Mill, Cheraw, S. C., since that position with the Myrtle Mill, Gas-mill began operation, has resigned to become overseer of the new No. to become overseer of the new No. eight card room of the Wiscassett

E. K. Davis has received his diswas formerly overseer of spinning charge after seeing service in and twisting. France in the aviation corps where he held a commission and has reas sumed his duties as assistant pur-ion chasing agent for the Fulton Bag 1 a and Cotton Mills, Atlanta, Ga.

> W. P. Hazelwood, who has been assistant manager and superintendent of the Profile Cotton Mills, Jacksonville, Fla., for the past six years has resigned to accept a similar position with the American Net and Twine Company, Anniston, Ala.

> > The Sadi Cotton Mills.

The name of the Laura Cotton Rutherfordton, N. C.

Mills, which was reported last week as having been organized at Kings
C. H. Savage, superintendent of Mountain, N. C., has been changed to the Mt. Vernon, Nos. 1 and 3 of the Mt. Vernon Woodberry Mills, Balwas incorporated with a capital timore, has resigned his position on stock of \$150,000 by R. L. Mauney, T. M. Plonk and others.

Doss Tires



Reduce the Cost of Motoring

You can get out of a tire only the mileage that's built into it. The best materials are used in DOSS TIRES, and they are built in their entirety by expert tire makers in our Atlanta factory.

Write for prices and booklet

Doss Rubber & Tube Co. (Factory) Atlanta, Ga.

Your Special Attention

is called of HOLLAND SULPHUR BLUE. You will find it the brightest SLUPHUR BLUE on the market available for steady and dependable deliveries.

Other SULPHUR COLORS are-

Sulphur Brown Sulphur Black Sulphur Green Sulphur Yellow

You will find our Direct and Basic colors complete backed by the steady and dependable deliveries characteristic of our house.

Aniline Oil, Salt and other heavy chemicals,

We beg to announce that we carry a stock of Sulphur Black in Charlotte.

Dicks, David

INCORPORATED

Manufacturers High Grade Aniline Dyestuffs 299 Broadway New York

SOUTHERN OFFICE

CHARLOTTE, N.C.

Ben R. Dabbs, Manager

MILL NEWS ITEMS OF INTEREST

stalling 24 machines for the pro-duction of bed spreads in the Pauline Mill. This will be a unique spread. It will be known as the "rippolette" spread. It is a dimity with a seersucker stripe.

Gastonia, N. C.—C. B. Armstrong and associates, who are to build an-other cotton mill here, as noted, will complete organization of a \$500,-000 company at an early date and start construction of the mill buildings. A site of between 60 and 70 acres has been purchased.

Monroe, N. C .- The Bearskin Cotton Mills started up five thousand spindles last week on 30s hosiery yarns. This is all new machinery of the latest model. Thirty modern bungalows have been completed, every house having a bath room, electric lights, sewerage and water supply. A community cow shed and pig pens have been built aside from the village and 30 acres of fine mea-dow land furnish grazing for the cows. The village streets are well laid off and abundantly lighted.

Laurens, S. C .- Preliminary work incident to the rebuilding of the Laurens Cotton Mills village recently noted, is making good progress. Thirity cottages have been dismantled and material for the new houses is being made up. A topographical survey of the village is being made by the landscape engineer who has been employed by the company to lay out the streets anew, locate the cottage sites and in general make up a new town. The exact type of house for operatives has not been determined but they will most probably be of the bungalow order. They will be larger than the present cot-tages; will be fitted out with electric lights and waterworks. It proposed to make the Laurens mill village more attractive and provide the help with some of the modern conveniences

Lloyd Cotton Mills to be Sold.

C. B. Armstrong, receiver of the Lloyd Cotton Mills, Maniposa, N. C., will sell the plant and property of the company at auction on June 3rd. Besides the cotton mill plant, about 100 acres of land will be included in the sale, together with a number of tenant houses. The Lloyd Cot-ton Mills were placed in the hands of a receiver some time ago, as noted, by the Citizens National Bank of Gastonia

New Steel Roller Repair Shop.

The Carolina Steel Roller Shops is the name of a new industry just started in Gastonia, N. C., by T. H. Sahms and W. N. Sharp. They will repair cotton machinery and are especially equipped to re-neck and re-flute steel rollers and re-point and sharpen spinning spindles. The proprietors of the Carolina Steel Roller Shops are well known to

Shelby, N. C.—C. E. Neisler is in-Southern cotton mill men, having talling 24 machines for the probeen in this business for several uction of bed spreads in the Paul-years and are thoroughly compene Mill. This will be a unique tent. They anticipate a big business. It will be known as the ness and guarantee satisfactory

The Peck Carrier.

The Peck Carrier is the title of the latest publication, No. 220, of the Link Belt Company, and describes and illustrates their Peck overlapping pivoted bucket carrier for the economical and efficient carrying of coal, coke, ashes, cement, sand, ore

and other materials.

This book carries 95 pages of interesting and valuable information concerning conveying systems. profusely illustrated with both photographs and drawings and will doubtless prove of much value to anyone interested in conveying sys-

PROFESSIONAL SERVICE IN

nounced the appointment of a num- chased from three different parties, ber of delegates from this state to the World Cotton Conference, at New Orleans, October 13-16. The New Orleans, October 13-16. The delegates are J. A. Brown, Chadbourn; George A. Holderness, Tarboro; J. A. Walker, Charlotte; D. B. Armstrong, Gastonia; W. B. Gooper, Wilmington. The commissioner ask that any other citizens of the state in terested in the matters to be considered at this convenience. ters to be considered at this convention and who is desirous to go, he time as to the name of the new will be glad to commission them as mill. delegates as it is impossible for him to ascertain just who desires to make the trip.

Armstrong Corporation Purchases Mill Site.

Gastonia, N. C.-Among a number of important realty transactions made recently was the purchase by the Armstrong interests of a site for their large new mill. The tract pur-Commissioner Graham Announces chased embraces between 60 and 70 acres lying on both sides of the York road and west of the Carolina Raleigh, N. C.—Commissioner of & Northwestern railway, south of Agriculture W. A. Graham, an- the city limits. This tract was pur-

W. S. Holland, T. R. McArver Balthis brothers.

It is understood that rapid prog ress is being made on the details necesary to be worked out before necesary to be worked application is made for a charter and the actual organization of the actual organization. The capital company is begun. The capital stock of \$400,000 is all subscribed or in sight, and decision will be announced probably within a short

Capt. E. E. Wright Goes With Wm. C. Robinson & Son Company.

Captain E. E. Wright, son of the late E. H. Wright of Shelby, N. C., is about to represent the Wm. C. Robinson & Son Company, making his home in Greenville, and handling their hydrogeness of the product of the produc ling their business in the Piedmont section.

Captain Wright left Shelby when a young man, attending the University of Pittsburgh. After graduatfrom this college he Salt Lake City and worked his way up to assistant division engineer of the S. P. L. A. & S. L. Railroad. He later went to Buffalo, N. Y., and be-

came assistant city engine came assistant city engineer.
The day prior to the United States
declaring war upon Germany, E. E.
Wright enlisted in the United States
army. He went to France in 1917
with the field artillery and was commissioned while in the field. Cap-tain Wright led his battery and was in action at Chateau Thierry, Soissons, St. Mihiel and Argonne Forest. He was gassed in one of the encounters and badly wounded with high explosive during one of the last drives.

Captain Wright was discharged from the service April 14, 1919.

Sanitary Engineering Company.

The Sanitary Engineering Com-pany of Charlotte has acquired property at Camp Green and installa plant for the manufacture of their well known sewage disposal systems. W. E. Thomas, who is at the head of the company, which was established about four years ago, has been in army service for a year. during which time he was engaged in installing sewage disposals sys-tems for the government.

The company has been very successful since its organization, having sold over 10,000 of their systems.

They have placed a great many of them in various Southern cotton mill villages and the mill owners have endorsed them very highly.

The company offers an adequate solution of the sewage disposal problem. This of course in the larger cities is taken care of by modern sewer systems but in the smalern ern sewer systems, but in the smalern sewer systems, but in the smal-ler communities, especialy in the rural districts, proper sewage dis-posal has long been a problem with a vital bearing on health conditions. When poisonous organic waste and other matter is allowed to flow into the open or stand in the open cess



S. DRAPER

-Beautifying Mill Grounds and Mill Villages.....

505-506 Trust Building, Charlotte, N. C.

Landscape Architect and City Planner

-Laying out New Mill Villages -Improving Old Mill Villages

As it is necessary to oil the bearings of machines, just so the fibres of fine leather must be packed in a permanent lubricant.

Charlotte Leather Belting is all hand-stuffed and loft-dried, the age old method of producing a leather whose fibres are properly lubricated by natural absorption.

Charlotte Leather Belting Company CHARLOTTE, N. C.

Eastern Distributing Center and Warehouse, 154 Nassau Street NEW YORK

WESTERN DISTRIBUTING CENTER AND WAREHOUSE 377 West Madison St., CHICAGO.

pool, a swarming place for flies and an ideal breeding place for disease germs is the result.

The systems manufactured by the Sanitary Engineering Company are designed along unique and scientific lines, affording a sewage disposal system that does its work efficiently and meets with the approval of the health authorities. All parts are manufactured of concrete, except the connections, which are of vitri-fied pipe, making the plant perma-

The plant requires no attention and no chemicals are used. It is installed just beneath the surface of the ground. There is no operating

"We Must Clothe World," Say Cot-ton Manufacturers.

That American manufacturers will be called upon to clothe the world during the coming winter, was one of the points that was brought out at the meeting of the National Association of Cotton Manufacturers at their meeting at the Hotel Biltmore. The scarcity of clothing throughout the world was emphasized, and the tendency on the part of some cotton manufacturers to shut down on production, when that production was so vital for the clothing of the world, was decried.

The shipping situation as a factor in getting the clothing to the people of the world was discussed, but it seemed to be the general opinion that this problem would be solved. Production to the utmost was stressed as the goal to be sought, firm in the belief that the means of transportation would be found at the proper time.

MBOW SHUTTLE

automatic

Loom Shut-

tle and get our price

"Reshuttle

with

Shambows'

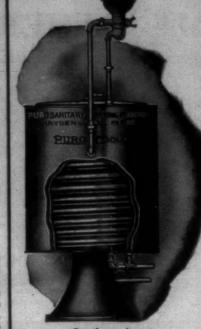
and de-

livery.

Automatic Loom Shut-Send us today sam-

your

Addres



Southern Agent E. S. PLAYER The late ex-President Roosevelts' motto was

Be Prepared!

Anticipate your warm weather requirements and order

Puro Coolers

NOW DON'T DELAY.

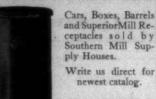
40 Feet Coil Pipe-

Cover with locking device and rubber washer, making an air tight Tank-equipped with Puro Sanitary Drinking Fountain

Puro Sanitary Drinking Fountain Co.

Haydenville, Mass.

"LEATHEROID" SEAMLESS ROVING CANS



ROGERS Fibre Co.

Leatheroid Sales Division

Philadelphia, Pa.

Banninga Manufacturing Company.

Rockwell, N. C.

		 0.000	manager .			
A. O.	Norris .	 	. S	uperi	ntend	lent
E. N.	Haynes	 			. Car	der
R. L.	Linker	 			Spin	mer
Robt.	Ward	 			. M.	M.

Beverly Cotton Mills.

Middleton, Ga.

R. G. Vanadore Superintendent W. E. McKinney Carding W. G. Thomason Spinning and Twisting Robert Norton M. M.

ENGINEERS PLANNING POWER TRANSMISSIONS
Secure Data and Estimates of "MORSE" DRIVES. Save Construction, Space, Light, Fuel. Producing More With Less.

MORSE CHAIN CO., ITHACA, N. Y.

PLUMBING CONTRACTORS

MILL WORK A SPECIALTY

Equipped to handle any kind of plumbing job in plant or village. Can furnish estimates on short notice. Full line plumbers' supplies.

The J. J. BREEN Co.

Plumbing and Heating Contractors

17 West 5th Street

CHARLOTTE, N. C.

AMERICAN TEXTILE BANDING CO., Inc.

Manufacturer

Spindle Tape Bandings



Hunting Park Ave. and Marshall St. Philadelphia, Pa.

OUR TAPES ARE ENDORSED BY MACHIN-ERY EXPERTS. They know their quality and they know their scientific structure. Exhaustive trials by practically all machinery makers have demonstrated that they have no superior. Write us.

Barber Manufacturing Co., Lowell, Mass.

DAVID BROWN CO.

Successors to
WELD BORBIN AND SPOOL COMPANY

LAWRENCE, MASS., U.S.A. MANUFACTURERS OF HIGH GRADE

Bobbins, Spools, & Shuttles

For Cotton, Woolen, Silk, Knitting and Carpet Mills

We make a specialty of Hand Threading and Wool Shuttles. Enameled Bobbi and all kinds of Bobbins a Spools with Brass or T Re-Inforcements.

THE CHOICE OF A HUMIDIFYING SYSTEM

must be one that for simplicity with great capacity and economy in maintenance produces uniformly such conditions that may be determined for the different requirements of the work. In the American Moistening Company's method of humidifying, all such requirements are GUARANTEED.

Our COMINS SECTIONAL HUMIDIFIERS
Our FAN TYPE and HIGH DUTY HUMIDIFIERS
Our VENTILATING Type of Humidifier (Taking fresh air into the room from outside)
Our ATOMIZERS or COMPRESSED AIR SYSTEM
Our COMPRESSED AIR CLEANING SYSTEM

Our CONDITIONING ROOM EQUIPMENT
Our AUTOMATIC HUMIDITY CONTROL (Can be applied to systems already installed)
Our AUTOMATIC TEMPERATURE CONTROL
Are all STANDARDS of MODERN TEXTILE MILL EQUIPMENTS

WILLIAM FIRTH, President

SHAMBOW SHUTTLE CO. WOONSOCKET, R. I.

AMERICAN MOISTENING COMPANY BOSTON, MASS.

FRANK B. COMINS, Vice-Pres. & Treas.

SOUTHERN OFFICE, Empire Building, ATLANTA, GEORGIA

Raw Stock Dyers
Sanders Smith & Co.
Charlotte, N. C.

Improved Rice Dobby Chain



reduces broken bars to a minimum because the wire eyes do not break into the side walls of the peg holes. The eyelets are fastened so securely that they cannot work loose.

Rice Dobby Chain Co.
Millbury, Mass.
Send Us Your Order To-day

CLEANSER



Invaluable for Scrubbing

Textile Mill Floors

AS GOOD AS THE BEST and THEN SOME.

Write for Sample, Try it.

Champion Chemical Co.

Picker Sticks
Spools
Skewers
Binders
Loom Supplies

Ivey M'fg Co.

Fine Outlook for Future Business.

Washington, D. C.—A comprehensive report on the general business outlook has just been issued by the Chamber of Commerce of the United States. The report is optimistic as to future conditions and forecasts a period of unusually good business. That part of it which refers to the textile lines says:

The cotton and woolen industries are seen in a hopeful light, special emphasis being put on the hopeful prospects of export business in the products of these industries. The situation in this field is characterized as follows:

'Stocks of cotton on February 26 were in round numbers six million bales, about one million bales more than last year. Southerners are relying on export business to keep priess high but ships are hard to get and internal troubles in Russia and Central Europe have upset the foreign market. The attempt to restrict acreage has been tried before but has always failed because of lack of -co-operation but this year observers agree there will be some reduction in acreage.

reduction in acreage.

"In February, 1949, there were 300,000 less active spindles than in the same period of 1948 and the production of cotton fabrics responded to the decrease in demand. Not long after the war the mills cut prices so that the fear of buyers as to a constantly declining market were largely eliminated. The general expectation is for a steady improving demand. Buying of underwear and hosiery is heavy. Business in men's wear is excellent. The expert situation is encouraging.

export situation is encouraging.
"The dominant feature of the wool market is a surplus of raw material. The general feeling is that the bottom of the hill has been reached in production and that for the remainder of the year there will be a gradual ascent. The woolen industry has suffered from constant strikes. Export figures are encouraging."

Ball Bearing Companies Combine.

S K F Industries, Inc., of New York, write us as follows:

"Through an unfortunate slip in our copy department, the recent news item was sent to you announcing in error that the reorganization of our interests, effective May 1st, would be a physical consolidation of the underlying companies. The new company—S K F Industries, Inc.—will be simply a holding, sales and engineering organization, as per the revised copy of the news item below.

"A telegram regarding this has already been sent you, and we shall greatly appreciate your acknowledgement of the receipt of this let-

The item should read as follows:
Of interest to all users of bearings is the just announced reorganization, effective May first, whereby the products of the Hess-Bright Manufacturing Company, the S K F Ball Bearing Company, the Atlas Ball Bearing Company and the Hubbard Machine Company will be sold through one central organization. The new company, under the name of S K F Industries, Inc.,



JACKSONVILLE CHEMICAL MFG. COMPANY

JACKSONVILLE, FLA.

MANUFACTURERS

SULPHUR DYES DIRECT

Low Prices

Best Quality

DON'T THROW IT AWAY-HAVE IT REPAIRED

Expert Welding and Cutting by the Oxweld System. Competent men in charge. All work guaranteed.

R. HOPE BRISON & CO.,

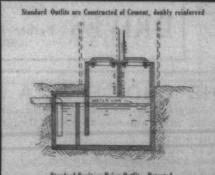
GASTONIA, N. C.

Chemicals and Oils

or Sizing
Finishing
and Dyeing

The New Brunswick Chemical Co.

GUARANTEED QUALITY—DEMONSTRATIONS MADE



THE SEWERAGE PROBLEM Solved!

for Mill Villages, Small Towns, Rural Homes and School Districts. This IMPROVED design is the most perfect adaptation of the principle originated by the United States Public Health Service, and known as the L.

R. S. System.

Cast in cylindrical form, with a partition that divides it into two compartments of scientific proportions, thus providing the two tank principle, but all in one piece.

It answers every need, overcomes every objection and fulfills every wish.

Provides a clean, sanitary method of disposing of all raw sewage without odor, solves the dangerous fly and mosquito problem, and forever prevents your water supply from becoming contaminated.

Without obligation on your part, we will be pleased to give you a demonstra-

Standard Cement Construction Co., Wilmington, N. C.

& MICA CO. NATIONAL

910-11 COMMERCIAL BANK BLDG.

MIKAH TALLOW

SWISS GUM

COMBINATION B



CHARLOTTE, N. C.

W. M. FAILOR, Manager

Factory and Works:

59th St. and 11 Avenue, New York City

will thereby be able to offer a com- lay. prehensive line of ball bearings, inpillow-blocks and shafting

Through the medium of its en-gineering organization, backed up by a well equipped laboratory, the new company will be able to place at the service of bearing users the ers' problems will be analyzed in detail and that type of bearing rec-ommended which (independent of

ommended which (independent of sales considerations) is best suited to the conditions met. In addition the laboratory staff will carry on research studies affecting anti-friction bearing design and application. The new company—S K F Industries, Inc.—will be under the direction of B. G. Prytz, president; W. L. Batt, vice president. The principal office will be at 165 Broadway, New York City with branches at Boston, Philadelphia, Atlanta, Buffalo, Cleveland, Detroit, Cincinnati, Chicago, and San Francisco. nati, Chicago, and San Francisco.

Cotton Growing in Andalusia. The fact that Spain has begun to

realize its economic dependence on foreign countries and feels that the United States will probably need all its raw cotton for home consump-tion in textiles has resulted in the appointment of a commission which was sent to Andalusia by the Cata-lan cotton committee to investigate the experiments in cotton growing that have been made in Jerez, Malaga, Muricia, Valencia, and the Province of Seville and to determine the possibility of raising the plant essfully on Spanish soil.

The report of this commission is extremely encouraging, a large pro-fit being claimed on the original out-

Experiments show that the soil of Andalusia is admirably adapted cluding the Hess-Bright deep-groove to cotton raising and that, in additype, S K F Self-aligning radial tion to the land already prepared and thrust bearings and ball bear- for other crops, such as cereals and for other crops, such as cereals and vegetables, vast cwamps could be reclaimed and utilized for this purpose. It is claimed that each hectare (2.47 acres) will produce 500 kilos (1,102 pounds) and that enough cotton to supply the Spanish market could be raised on 200,000 hectares (494,209 acres). This product, at the service of bearing users the knowledge gained in many years tares (494,209 acres). This product, study of anti-friction bearings of the experiments show, would be all kinds. On request, manufacturequal if not superior in quality to the superior in the United States, almost the superior in the superior in the United States, almost the superior in the superior in the superior in the United States, almost the superior in the s though measures would have to be taken to protect the crop from the heavy fall rains.

The farmers are being instructed in the raising of the plant, and the Catalan mill owners, where most of the cotton imported from the United States is worked into textiles, will assure the ma ready market. An assure the ma ready market. Agriculturists in this district are showing great interest in the project and are co-operating enthusia with the Catalan committee. enthusiastically

For Sale.

One 48-inch Bramwell Burr

Picker. One 48-inch Goddard Picker.

One 30-inch Goddard Burr

Picker. Three 30-inch Dodge Shoddy

Pickers.

Two extra cylinders for Dodge Pickers.

These machines are equipped will ball bearings and in good condition.

One 110-inch American Blower Company Steel Plate Fan, belt driven.

One lot Pulleys and Hangers.
THE AMERICAN PAD & TEXTILE COMPANY.

Greenfield, Ohio

St. Onge Adjustable Grid Bar

Removes 25% more dirt without loss of stock Plain bars or pin bars furnished

BROWN-ST, ONGE COMPANY

A. ST. ONGE, President

Providence, R. I.

Charlotte, N. C.

The Mark of Sterling Value in Electrical Work.



Huntington & Guerry

GREENVILLE South Carolina

Linker Troubles, **Electrical Stop Motion Troubles** All Kinds of Warper Troubles

Taken care of by Experts

Cocker Machine and Foundry Company Gastonia, N. C.

Builders of Warpers, Linkers, Ballers, Reels, Etc.

Firth Vacuum Specialties

FOR TEXTILE MILLS

Floor Sweeping, Card Stripping and Cleaning, General Machinery Cleaning

BY VACUUM

WRITE FOR INFORMATION AND PRICES

WILLIAM FIRTH

200 Devonshire Street

BOSTON, MASS.



Ashworth Brothers, Inc.

Tempered and Side Ground Card Clothing

Tops Reclothed

Lickerins Rewound

Cotton Mill Machinery Repaired

12 to 18 West Fourth St., Charlotte, N. C.

240 River Street, Greenville, S. C.

127 Central Avenue, Atlanta, Ga.

Advance Notice of Exhibits

(Continued from page 7.)

domestic offices, their eight for-eign offices, and the fourteen for-eign localities in which they have It will be of indirect agencies. terest to their mill representatives and other friends in the textile industry, to see graphically the many channels through which their mill products are distributed.

There will be displayed on either side of the entrance an exact re-production of the Statue of Liberty, including the "Light the kaiser couldn't put out." Comfortable lounging corners will occupy the remainder of the booth and telephone service will be maintained for all visitors.

The Hunter Company's exhibit is located in sections 217, 218 and 219, and will be in charge of Mr. Robert F. Bowe, and Mr. Samuel F. Gibson, both from their New York

National Lamp Works.
The National Lamp Works exhibit will consist of a rack of lamps arranged to show late developments in the lamps themselves. This will display lamps which are most generally employed in industrial lighting. Another rack will show the most approved reflector equipment for use with the lamps, including the Reflector-cap unit so well adapted for industrial plants where avoidance of glare is very import-ant, the Ivanhoe Ave (1350), a late and very efficient design of the RLM dome reflector. To emphasize who will be present at the exposi-the need of proper selection, and to tion, May 5th and 6th. He will be

offer an example of bad practice, a flat reflector with a bare lamp is

Small exhibits will be used to They will show in their exhibit Small exhibits will be used to a large relief map of the world on point out the result of some comwhich will be indicated their nine mon faults found in lighting system mon faults found in lighting system design. One exhibit will den the effect of improper demontensities upon illumination; another, the effect of glare upon an otherwise satisfactory lighting system; and a third, the effect of shadow in the perception of objects in their three dimensions. A ribbon booth, illuminated with several different lamps, ranging from carbon to day-light, will be used to show the will be used to show the great variation in colors under artificial illumination and to illustrate the importance of using the "day-light" lamp in industrial and com-mercial work which requires strict color discrimination.

To bring the advantages of mod-ern industrial lighting at "producintensities" before the eyes of the interested public by means of lantern slide projection, a stereomotograph is included. dle meter will be displayed and demonstrated. This instrument is widely used to measure the illumination intensities commonly found in artificial lighting installations. It is an instrument so simple that anyone can operate it, so light and compact that it can be carried anywhere, and sufficiently accurate be of real practical value. A selective chart which aids materially in the accurate selection of reflecting equipment will also be featured.

The exhibit will be in charge of Mr. Ward Harrison, illuminating ensemi-enclosing type of unit, and the gineer of the National Lamp Works,

assisted by Mr. J. M. Ketch, who tile field ever since its organization. will be present during the entire exposition

Clipper Belt Lacer Company.

The Clipper Belt Lacer Company, of Grand Rapids, Mich., will have on display a number of their Clipper Belt Lacers. The advantages of these machines lie in the fact that each operator can lace his own belt. The lacer can be carried to the belt, permitting the lacing to be done without removing the belt from the

The Veeder Manufacturing Company

The Veeder Manufacturing Com-pany, of Hartford, Conn., well known manufacturers of counters, will have a number of their machines in operation at that exhibit. Some of the company's products are cyclometers, odometers, tachometer counters, speed counters and fine die castings. W. C. Waldo will be in charge of the exhibit.

Economy Baler Company.

The Economy Baler Company will not show any of their machines at exposition, but have reserved space 324 where their representa-tive, J. S. Hulme, will be glad to see his friends.

Detroit Graphite Company.

The Detroit Graphite Company will not have an exhibit at the show, will have a booth in charge of Cureton and Mr. Perry.

Electro Bleaching Gas Company.
The exhibit of the Electro Bleaching Gas Company, 18 East 41st street. York City, pioneers and leading manufacturers of Liquid Chlorine for commercial purposes will be an attractive and interesting one.

company as their expert in the tex-

The exhibit will show cylinders of Liquid Chlerine of 100 pounds capacity as shipped from the plant of the company at Niagara Falls, N. Y., to the mill owner to use for bleach-

ing purposes.

There will be a complete and interesting display of raw and finished bleached textiles.

The E. B. G. brand of Liquid Chlorine is widely known as the "100 per cent Bleach" and visitors at the exposition are invited to arrange with Mr. Duggan for a free. demonstration at their mills.

C. J. Tagliabue Company.

The C. J. Tagliabue Manufacturing Company, Brooklyn, N. Y., one of the oldest and largest industry. will have an interesting exhibit at the forthcoming show oc space Nos. 230-233 inclusive. occupying

Their exhibit will include the well known line of "Tag". Self-Operating Temperature Controllers for automatically regulating the steam in-let valves to size boxes, dye kettles, etc., also a device for automatically controlling both the time and temelements of various portant textile processes; indicating thermometers, etc.

The "Tag" exhibit will be in charge of V. Wichum, chief engineer of the C. J. Tagliabue Manufacturing Company. Mr. Wichum has been associated with this company for many years and previous to his present incumbency, had charge of the Boston branch. He is well known among the numerous New England textile mills, having specialized to a large extent on this industry. He It will be in charge of James B. will be ably assisted by Mr. B. O. Duggan, who has represented the Pallin, another Tagliabue Temperature engineer of broad experience.

JOSEPH SYKES BROTHERS. HUDDERSFIELD ENGLAND

Card Clothing Manufacturers

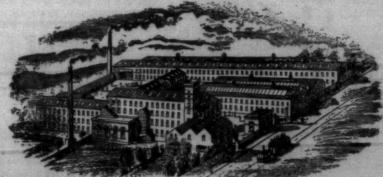
Hardened and Tempered Steel Wire Plow Ground Card Clothing

Revolving Top Flats re-clothed. Licker-ins re-wound. Burlish and Stripper Fillets. Dronsfield's Grinder Rolls. Emery Fillets All reguar sizes of Card Clothing always in stock and shipped same day order is received.

RICHARD D. THOMAS, Southern Agent

REPAIR SHOPS AND STOCK ROOMS

Tompkins Building P. O. Box 88 CHARLOTTE, N. C. 4½ Peters P. O. Box ATLANTA, GA.



TEXTILE SERVICE

FOR the convenience of our customers, we maintain in connection with our Charlotte office, a completely equipped shop, for the proper reclothing of Card Flats and Card Lickerins. Skilled experts are in charge and we invite you to avail yourselves of this service. A stock of card clothing constantly on hand enables us to supply all requirements promptly.

We are especially anxious that all our cards either Newton or Lowell pattern give satisfactory service and upon request will send expert to inspect cards and make such recommendations as may be necessary to put them in the very best possible shape.

SACO-LOWELL SHOPS

ROGERS W. DAVIS, Southern Agent CHARLOTTE, N. C.

Nickel-Plated Drop Wires

-in any size or style at only-

25c per thousand

above the price for regular finish. Our drop-wires are made of the best grade steel wire.

STEEL HEDDLE MANUFACTURING CO.

GREENVILLE

PHILADELPHIA

PROVIDENCE

Southern Office 111 Washington St., Greenville, S. C. Hampton Smith, Sou. Mgr.

N. B. We are the sole manufacturers of Nickel-Plated drop wires for every kind of loom.



SELF-BALANCING BASKETS

Tolhurst EXTRACTORS

TEXTILES

SPECIAL CATALOG

Tolhurst Machine Works Troy, N. Y.

SOUTHERN REPRESENTATIVE
FRED H. WHITE, Realty Building
harlotte, N. C.

Starch

The Cotton Textile Manufacturers require a variety of starches to produce specifically desired results.

OUR KNOWLEDGE of the needs of the textile industry.

OUR UNEXCELLED FACILITIES for pro-

ducing a wide range of products.

OUR ORGANIZATION FOR SERVICE in assisting to solve the sizing and finishing problems of the Cotton Manufacturer.

Fit us to meet these varied requirements.

For the best results use these standard starches:

Eagle Finishing

500 Mill

400 Mill

C. P. Special Famous N
Blue River Crystal

Corn Products Refining Co.

NEW YORK

Southern Office: GREENVILLE, S. C.

Starch

SIZINGS, OILS, FINISHINGS, SOFTENINGS, FILLING AND WEIGHTING of YARNS, FABRICS and RAW STOCK. Also HOSIERY FINISHING and BLEACHINGS



Sizing, Tallow, Soluble Grease, Soluble Olis, Gums, Glues, Gum Arabol, Lancashire Size. Waxes, Finishing Pastes, Soaps, Glycerine, Ready-made Heavy Size, Sago and Taploca Flours, Dextrines, China Clay, Soluble Blue, Bone, Grease, Magnesium.

SPECIAL COMPOUNDS FOR WARPS, WHERE STOP MOTIONS ARE USED.

ARE USED.

WEIGHTING COMPOUNDS FOR COLORED AND WHITE WARPS.
FINISHING COMPOUNDS FOR ALL CLASSES OF FABRICS.
The Arabol best grades of cotton warp sizing compounds make the "finest weaving and will hold the fly."
These compounds are based on the best practical experience and the best materials used in their manufacture.

THE ARABOL MANUFACTURING COMPANY Offices: 100 William Street, New York.

SOUTHERN AGENT: CAMERON MacRAE, Concord, N. C.

P P GIRSON South Carolin



Factories: Brooklyn, N. Y.

GUY L. MELCHOR, Ga., Ala. and Tenn. Agent, Atlanta, Ga

pens Manufacturing Company, Cowpens, S. C.

J. A. Davis, formerly overseer weaving Selma Manufacturing Company, Selma, Ala., has accepted a position with the Hopahka Cotton Mills, Moorhead, Miss., as overseer spooling, warping, slashing, weaving and cloth room.

Chemical Foundation, Inc., to Start Work Shortly After May First.

The Chemical Foundation, Inc., The one-dollar highball is will open offices in the Market and thing that has not come to stay.

H. F. Harrill, of the Ella Manu- Fulton National Bank Building, New facturing Company, Shelby, N. C. is York, about May 1, according to an now overseer of weaving at Cow- announcement made during the week. This foundation is to have charge of the licensing of the 4,500 German dye patents seized by the Alien Property Custodian. A full executive and administrative staff will be installed in the new offices.

> Shortly after the date of opening, the work of licensing the patents to American firms will begin. The men in charge of the organization working hard to perfect the plan under which licenses will be granted.

Emmons Loom Harness Company

The Largest Manufacturers of Loom Harness and Reeds in America

Loom Harness and Reeds

Slasher and Striking Combs, Warper and Leice Reeds, Beamer and Dresser Hecks, Mending Eyes, Jacquard Heddles

LAWRENCE, MASS.

CLEAN WITH FELTON'S

FELTON'S BRUSHES ARE NOTED FOR LONG WEAR



D. D. FELTON BRUSH CO.

A. FELTON & SON CO.

ATLANTA, GA.

Dyestuffs for Olive Drab Army Cloth COTTON OR WOOL

Made in America by

Consolidated Color and Chemical Co., NEWARK, N. J.

Meets Government Requirements for U.S. A.

H. A. METZ & COMPANY, Inc. Selling Agents

122 Hudson Street

New York City

E. P. BURTON LUMBER CO. BOX SHOOKS

CHARLESTON, S. C.

We Are The Only Flyer Presser Manufacturers In The South

Our Flyer Pressers are made of the best Norway fron Quality and Workmanship Guaranteed



SOUTHERN SPINDLE & FLYER CO., Inc. Charlotte, N. C. Manufacturers, Overhaulers and Repairers of COTTON MILL MACHINERY

W. H. Monty, Pres. and Treas.

W. H. Hutchins, V.-Pres and Sect'y

WHITIN MACHINE WORKS

TEXTILE MACHINERY

Manufacturers of the following machines:

COTTON MACHINERY

Opening Conveying Distributing Picking Revolving Flat Cards Sliver Lap Machines Ribbon Lap Machines Combing Machines Drawing Frames
Roving Frames
Spinning Frames
Spoolers
Twisters Reels Quillers

COTTON WASTE MACHINERY COTTON AND WOOLEN SYSTEMS

Willows Card Feeds Full Roller Cards

Revolving Flat Cards
Derby Doublers
Roving Frames
Spinning Frames
Spoolers Condensers To Special Spinning Frames Twisters

WOOLEN MACHINERY

Full Roller Cards

Condensers Wool Spinning Frames

WORSTED MACHINERY

Cone Roving Frames

MAIN OFFICE AND WORKS WHITINSVILLE, MASS. U.S.A. SOUTHERN OFFICE CHARLOTTE.N.C.

Want Department

Want Advertisements

If you are needing men for any position or have second hand machinery, etc., to seil the want colgnms of the Southern Textile Bulletin affords the best medium for advertising the fact.

Amerlisements placed with us reach all the mills and show results.

For Sale.

One Howe Lap Scale as good as new, Will sell at bargain, ABC, care Southern Textile Bulletin.

Wanted-Balling Attachment.

Wanted—Balling attachment to attached to beam warpers for making ball warps. If you have anything to offer in this line communicate with T. R. Morton, Supt., Fidelity Mfg. Go., Charlotte, N. C.

For sale three Model 8 Foster cone winders, 100 spindles each, suitable for winding 6s to 14s yarn. Can be seen running on these numbers any time. They are in good condition and can be bought cheap. Apply to Kinston Cotton Mills, Kinston, N. G.

OUR SPINNING RINGS--SINGLE OR PLANGE

Start Easiest, Run Smoothest, Wear Longest!

PAWTUCKET SPINNING RING CO.

CENTRAL FALLS, R. I.

TRY "FIBRELAY" SIZING COMPOUND

and eliminate your sizing troubles. Especially recommended where warp stop motions are used.



HAWLEY'S LABORATORIES, Inc. CHARLOTTE, N. C.

Free Service Department

second hand, loom fixer, card grinder or any class of men other than operatives may insert a notice in this column for two weeks, free of charge. If the name of the mill is not given and the answers come care Southern Textile Bulletin, the cost of stamps used in forwarding replies must be paid by the advertiser

Loom Fixers Wanted.

Want two first class loom fixes. Pay \$25.00 per week. Apply or write to Marsh Cotton Mill, Salisbury, N. C.

Wanted.

Second hand in cloth room, and machinist for mill of 25,000 spindles. Address Edna Cotton Mills, Reidsville, N. C.

Warper Man.

Want a good Den warper man. Good job for the right man. Main fine shape running on ly 30s. Mill running on two-ply 30s. Mill running on full time. Cheap place to live, Apply to R. S. Starr, general overseer Union Cotton Mill, Mai-

Slasher Man Wanted.

Wanted a slasher man to take charge of two slashers on pattern work. To the right man will make price very attractive. Apply A. L. Bain, Superintendent Roanoke Mills Company, Roanoke Rapids, N. C. MACHINIST WANTED

Wanted good machinist, who understands motors. Must Number One reference. State price in first letter.

J. F. Lockey, Supt.

Card Grinder. Wanted card grinder for thirty-two cards in up-to-date mill. \$3.00 per day and 10 per cent bonus. Address Cards, care Southern Textile Bulletin.

Overseer Spinning.

Wanted an experienced eer of spinning of unusual abilable to operate to highest efficiency forty thousand spin-Must be a man of excellent habits, highest character, be-tween the ages of 27 and 40, and good manager of help. Healthful location, good mill and excel-lent pay for the right man. State in first letter full experience, in first letter full experience, naming mills in which experience has been gained, also salary wanted. Communication will be kept confidential. Address "K" care of Southern Textile Bulletin.

Wanted.

Overseer for small spinning room, wages including bonus more than \$30.00, per week, if in earnest about wanting the job, apply giving reference, to Duck care Bulletin.

Waste---Cleaner Less

Atherton Adjustable Pin Grids

most manufacturers are adopting, knowing that they will pay for themselves in a short time in the saving of good stock, at high price of COTTON

Atherton Pin Grid Bar Company Greenville, S. C. Providence, R. I.

BRICK

BUILD NOW, The Price Cannot Be Cheaper

We have the most efficient brick plant in the South, with every fuel and labor saving device known to modern brick making. Get the advantage of this efficiency in quality and price by buying from us.

Prompt shipment common building brick, any quantity, all hard, beautiful red.

YADKIN BRICK YARDS New London, N. C.

Wiring and Construction

Let us estimate on your new village or extension to mill or village

> F. E. ROBINSON Electrical Contractor

22 West 5th Street

CHARLOTTE, N. C.

"Serving Southern Concerns"

J. D. COLLINS SALES ENGINEERS

947 GRANT BLDG., ATLANTA, GA.

WHEN IN GREENVILLE ATTENDING THE SOUTHERN TEXTILE EXPOSITION VOU ARE INVITED TO SECTION 319 TO EXAMINE THE **ECONOMY TIERING MACHINE** USED FOR STACKING HEAVY BALES AND CASES. EQUIPMENT FOR CONVEYING AND STORING MATERIAL.

Cotton Goods

New York.—Business continues to may advance soon. grow in the cotton goods market. Large sales in primary markets have continued throughout the week and the mills are accumulating orders rapidly enough to warrant them in resuming operations in steadily increating volume. Many sales have been made that will carry mills throughout August without accommodations and others have been made on contracts running to October.

The markets on print cloths, sheetings and convertibles are char-acterized as "boiling," Prices are advancing and large sales are being made. The demand is coming prin-cipally from printers, finishers, cutters and the manufacturing trades. Jobbers are buying very moderately and very carefully and several of the largest distributing organizations are manifesting only an indifferent interest in the rise in prices that is going on.

Print cloths, convertibles, sheetings, and fancies in fine cloths have been bought liberally by printers, bleachers and converters. The jobbers are buying conservatively al-though they are doing much more than they were a week or 10 days

Ginghams are in good demand despite questionings about prices that may prevail when the next spring season is opened. The mills making staple ginghams and dress ginghams or those of them that are in operation are very comfortably provided with business for the next three or four months. Other colthe next ored goods lines are stronger but in several instances mills have not yet resumed normal operations, and de-liveries are slow. The denim mar-kets appear to be in a well sustain-ed position and the trade is ready to absorb any Government surplus that may be offered without further unsettling of the current market. Many large users of denims have come forward and have been trying to induce agents to accept business at lower prices than are now current. Tickings have been bought moderately, the orders com-ing from all parts of the country, and there is a feeling that prices

Narrow prints have sold very freely of late and many jobbers have bought these goods more freely than at any time in four or five years. Percales have been sold liberally and prices are now on a firmer ba-sis. Printed shirtings for the new season have had a large sale and are sis. still in demand.

Converters of cotton goods say they are doing a good forward and spot business on novelties and high priced fabrics, but are not getting a volume business on staples as yet. They look forward to a much larger trade in the near future and have placed large mill orders this month. There has been a distinct revival in the demand for many silk and cotton goods, and some of the converters, who had courage enough to hold on to stocks, are now finding a ready market for their offerings.

Market quotations were as follows

Pr't cloths, 28-in., 64x64s	81/4
Pr't cloths, 28-in., 64x60s	8
Pr't cloths, 27-in., 64x60s	7%
Gray g'ds, 38½-in., 64x64s.12	a121/4
Gray g'ds, 39-in., 68x72s	131/4
Gray g'ds, 39-in., 80x80s	171/2
Brown sheet'gs, 3-yard	16
B'n sheet'gs, 4-yd., 56x60s.	13
Brown sheet'gs, So. stand	17
Tickings, 8-oz	27
Denims, 2.20 (Ind.)	26
Stand, staple ginghams	15
Standard prints	121/2
Dress ginghams20	a22
Kid finished cambrics113	2a121/2



Atlanta, Go

T. HOLT HAYWOOD DEPARTMENT

FRED'K VIETOR & ACHELIS

COMMISSION MERCHANTS

65-67 Leonard Street,

New York

COTTON FABRICS

OF ALL DESCRIPTIONS

For Manufacturers, Jobbers, Converters, Exporters

Reeves, Jennings & Company

Selling Agents for Southern Mills producing **COTTON FABRICS**

For Converting, Manufacturing, Jobbing and Export Trades.

55 Leonard Street NEW YORK CITY

CAROLINA SIZING & CHEMICAL COMPANY CHARLOTTE, N. C.

Manufacturers of O. K. PRODUCTS ROPOSIZE -- makes yarn strong

GEORGE WITHERSPOON

Loyal to their trust

In almost any textile mill, you'll quite likely find an old employee handling a LAMINAR Can that was there before he came.

LAMINARS have been the popular choice of textile mills for the past 25 years.

LAMINAR Mill Receptacles are made of Vul-Cot Fibre, a tough, lasting material that for many purposes will outwear metal.

Write for illustrated bulletin of LAMINAR MILL RECEPTACLES.

AMERICAN VULCANIZED FIBRE CO.



Sole Props. and Manufacture New England Dept.

12 Pearl St., Boston, Mass.
C. C. Bell, Vice President
Res. Manager
Head Office and Factories,
Wilmington, Del.



Wm. C. Robinson & Son Co.

Baltimore, Md.

CHARLOTTE
GREENVILLE, S. C.
NEWTON, N. G.
ATLANTA
BIRMINGHAM
NEW ORLEANS

WHAT ELSE---When it is the only sizing agent that is absolutely neutral, and needs the assistance of no other compound, oil or tallow. Will not allow the size to chafe or shedd, and will increase the tensile strength of the yarn.

The Yarn Market

and manufacturers. Inquiries during the last week were for a greater range of numbers than at any other time for more than four months. time for more than four months. All the inquiries did not result in sales as sellers' ideas of values moved upward so rapidly that buyers were not able to keep pace with them. The upward movement of prices caused many manufacturers to place contracts for yarns in antici-pation of their probable needs, and their buying helped to send prices still higher.

From all sections come that there are improvements in the demand for goods; the buying is larger, the orders come in oftener than they did a month ago and there is less dickering about prices. One report is that buyers are beginning to place orders for men's ribbed un-derwear, a garment that was hard to move a month ago, and that knitters will be buying yarns in a short time, but they want quality, as they will not accept the stuff they had to take during the war, when everything was in the spinners' favor.

The number in best demand was 30-2 warps and sales were made at prices ranging from 57 to 62 cents. prices ranging from 57 to 62 cents. Sales of 100 and 200 warps were made for 57 to 59 cents. There was a sale of 25,000 pounds at 61 cents, and a number of sales of 100 and 200 warps were made at 60 cents. Also, a sale of 100 warps for spot delivery was made for 62 cents. The demand for 30-2 skeins was light and sales of small quantities were reported made for 56 to 58 cents. A sale of 30-2 warps, 23 turns, was made for 62 cents. made for 62 cents.

Southern Two-Ply	Chain Warps, Etc.
6s-10s42 —43	26s521/455
1/2 1/4 1/4	
.2s-14s46	30s60 —
16s47 —	40870
20850 —	50885 —90
24854 —	6081.05—
Southern Two	o-Ply Skeins
48-8842 —	3686567
10s-12s43 —	40870 —
14844 —	50s90 —
16846 —	6081.00-
20849 —	3-ply 2s uphlaty 36 —38
24s52 — 26s54 —	uphlsty.36 —38 4-ply 8cs
30859 —60	uphlsty.38 -40
Southern Single	
6s-12s42 —43	24850 —52
14844 —	26851 —53
16846 —	30s56 —58
20s48	40876 —78
22849 —	
Southern Sli	
58-8841	20846 -47
10842 —	22847 -48
A MARK R M. B. M. B. R. B. M. C.	24850 —51 26852 —
14s44 — 16s45 —	26852 —
16845 —	80s58 —
	ame Cones.
8841 —42 10842 —421/2	20s43½—44 22s44—46
1284216—431/2	24844 -46
14843 -431/4	26847 50
16s43 —431/2	30848
1884314-44	
Combed Pe	sler Cones
10s	26s
148611/2	30874
16863	32876
10	The state of the s

Southern Securities.

SOUTHERN COTTON MILL STOCKS.

Abbeville Cotton Mills Alice Mills American Spinning Co. Anderson Cotton Mills, com. Aragon Mills Arcade Mills Arcade Mills Arcade Mills Augusta Factory, Ga. Avondale Mills, Als. Beaumont Mfg. Co. Belton Cotton Mills Brogon Mills Brogon Mills, common Calhoun Mills, common Calhoun Mills, com. Chiquola Mills, com. Chiquola Mills, com. Chiquola Mills, com. Chiquola Mills, pfd. Clifton Mfg. Co. Columbus Mfg. Co. Columbus Mfg. Co. Columbus Mfg. Co. Dallass Mfg. Co., Ala. Darlington Mfg. Co. Dallass Mfg. Co., Ala. Darlington Mfg. Co. Dallass Mfg. Co., Ga. Darlyton Mills, N. C. Drayton Mills, N. C. Drayton Mills, Ga. Eagle & Phenix Mills, Ga. Eagley Cotton Mills, Ga. Easley Cotton Mills, Ga. Gainesville C. Mills, Ga. com Glenwood Mills Glenn-Lowry Mfg. Co., pfd. Glenn-Lowry Mfg. Co. Greenwood Cotton Mills Grendel Mills Hartsville Cotton Mills Grendel Mills, N. C. Inman Mills Inman Mills, N. C. Inman Mills Inman Mills, N. C. Inman Mills Limestone Cotton Mills Laurens Cotton Mills Laurens Cotton Mills Limestone Cotton Mills Loray Mills, N. C., com Loray Mills, N. C., ist pfd. Marion Mfg. Co. Mollohon Mfg. Co. Mollohon Mfg. Co. Mollohon Mfg. Co. Mollohon Mills Pacolet Mfg. Co. Pickens Cotton Mills Pelzer Mfg. Co. Pick	STOCKS.
Abbeville Cotton Mills	Bid. Asked 130 135
Alice Mills	225 —
Anderson Cotton Mills, com.	70 73
Anderson Cotton Mills, pfd.	95 —
Arcade Mills	1111 —
Arkwright Mills	150 —
Augusta Factory, Ga	_ 50
Beaumont Mfg. Co	250 250 250 —
Belton Cotton Mills	- 155
Brogon Mills	140 145
Calhoun Mills, common	110 114
Chesnee Mills	130 133
Chiquola Mills, com	85 871/4
Clifton Mfg. Co	140 145
Courtenay Mfg. Co	150 160
D. E. Converse Co.	120 —
Dallas Mfg. Co., Ala	117 -
Dacotah' Mills, N. C	200 —
Drayton Mills	471/2 55
Dunean Mills, pfd	80 85
Easley Cotton Mills	120 — 285 300
Encree Mills	100
Exposition Cotton Mills, Ga.	175 250
Gainesville C. Mills. Ga. com	95 101 — 95
Glenwood Mills	145 -
Glenn-Lowry Mig. Co., pid	70 80
Gluck Mills	95 100
Greenwood Cotton Mills	175 200
Grendel Mills, preferred	88 100
Harrick Mills	155 — 250 275
Henrietta Mills, N. C	185 —
Inman Mills, pfd	100 —
Judson Mills	180 200 125 —
King, John P. Mfg Co., Ga	115 -
Laurens Cotton Mills	135 —
Loray Mills, N. C., com	50 65
Loray Mills, N. C., 1st pfd	135 971/
Marlboro Mills	- 125
Mollohon Mfg. Co	— 140
Newberry Cotton Mills	112 — — 215
Ninety-Six Mills	150 200
Oconee Mills, common	100 —
Orr Cotton Mills	115 120
Pacolet Mfg. Co	150 162
Panola Mills	- 95
Pickens Cotton Mills	149 156 200 220
Pledmont Mfg. Co	200 202
Total and the second	— 100
\$12.50). Riverside Mills, com. Pa. Riverside Mills, pfd. Saxon Mills. Sibley Mfg. Co., Ga Spartan Mills	12 13
Saxon Mills, pfd	160 175
Sibley Mfg. Co., Ga	60 62 175 185
Toxaway Mills, com, par \$20	16 20
Tucapau Mills, pfd	117 120 310 —
Union-Buffalo Mills, com	112 115
Union-Buffalo Mills, 2nd pfd	29 32
Victor-Monaghan Mills, 1st p	88 85
Sibley Mfg. Co., Ga. Spartan Mills. Toxaway Mills, com, par \$2 Toxaway Mills, com, par \$2 Toxaway Mills, pfd. Tucapau Mills Union-Buffalo Mills, com. Union-Buffalo Mills, lat pfd Victor-Monaghan Co., com. Victor-Monaghan Mills, lat p Victor-Monaghan Co., pfd. Victor-Monaghan Co., com. Ware Shoals Mfg. Co.	96 — 83 85
Ware Shoals Mfg. Co	150 160
Warren Mig. Co. pfd	95 100
Watts Mills, com	- 17 - 85
Ware Shoals Mfg. Co. Warren Mfg. Co. Warren Mfg. Co. Warren Mfg. Co. Watts Mills, com. Watts Mills, 1st pfd. Watts Mills, 2nd pfd. Whitney Mfg. Co. Williamston Mills	81
Williamston Mills Woodruff Cotton Mills	135 145
Woodside Cotton Mills	106 110
Woodside Cotton Mills, com Woodside Cotton Mills, pfd Woodside Cotton Mills, g'td W. S. Gray Cotton Mills	91 95
Woodside Cotton Mills, g'td. W. S. Gray Cotton Mills	200 -

D. H. Mauney, Pres. Phil S. Steel, Vice Pres. Jno. J. George, 2d Vice Pres. J. S. P. Carpenter. Treasurer D. A. Rudisili, Secretary

Mauney-Steel Company

DIRECT FROM SPINNER TO CONSUMER

237 Chestnut Street
Eastern Office, 336 Grosverner Bidg., Providence, R. I. Southern Office: Cherryville, N. C.

MILLS DESIRING DIRECT REPRESENTATION AND HAVE THEIR PRODUCT SOLD UNDER THEIR OWN MILL NAME WILL PLEASE COMMUNICATE.

STOCKS

Hill, Clark & Company

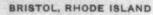
D. H. HILL, Jr., Manager

COTTON MILL STOCKS A SPECIALTY

41 S. Church St., Charlotte, N. C.

BONDS

DIXON LUBRICATING SADDLE CO.





Use Dixon Patent Stirrup Adjusting Saddles, the latest invention in Saddles for Top Rolls of Spinning Machines. Manufacturers of all kinds of Saddles, Stirrups and Levers.

WRITE FOR SAMPLE

"The heresy of today is the orthodoxy of tomorrow

DYE YOUR YARNS IN THE WOUND FORM

on machines that pay for themselves in no time. Send us your job dyeing. Our prices are low, deliveries are prompt, and service the best. Franklin machines are used all over the world.

As job dyers we color over a million pounds of cotton and of worsted a year. Let us serve you. Our representative will be glad of on apportunity to see you and fully explain all details.

FRANKLIN PROCESS CO., PROVIDENCE, R. I.

John P. Marston

Gum Tragasol Kerston Softener Bleaching Assistant Bleacher's Blue

247 Atlantic Avenue

BOSTON

LEATHER TOP ROLLS

A T A TIME when the Government is asking for economy in leather, and old shoes are being gathered up for their leather, cotton mills are allowing oil to ruin thousands of dollars of fine skins on leather top rolls. DUREX TOP ROLL VARNISH would protect them.

TOP ROLL VARNISH COMPANY

Box 31

CROMPTON, R. I.

EMPLOYMENT BUREAU

The fee for joining our employment bureau for three months is \$2.00 which will also cover the cost of carrying a small advertisement for one month. If the applicant is a subscriber to the Southern Textile Bulletin and his subscription is paid up to the date of his joining the employment bureau the above fee is only \$1.00.

During the three months' membership we send the applicant notices of all vacancies in the position which he desires.

We do not guarantee to place every man who joins our employment bureau, but we do give them the best service of any employment bureau connected with the Southern textile industry.

WANT position as overseer of carding.
Married, 33 years old. Am a carder
with long practical experience and
can deliver the goods. Can give best
of references from present employers.
Address No. 2379.

WANT position as superintendent or overseer of carding and spinning in a large mill. Now employed as carder and spinner but would like to get a place as superintendent. Good refer-ences as to character anad ability. Ad-dress No. 2382.

WANT position as overseer of carding. Now employed as carder in large mill and have made good on the job, but wish to locate in some other section. Have had many years experience as overseer and have always given satisfaction. Best of references. Address No. 2383.

WANT position as overseer of carding. Now employed as such in good mill and can furnish best of references from present and past employers. Am competent, reliable man of good habits and character. Address No. 2884.

WANT position as overseer of spinning, or would take second hand in a large mill. Have been with my present employers as spinner for 3 years and given satisfaction in every way. Am capable of handling good sized job. Can come well recommended from present employers. Address No. 2385.

WANT position as engineer or machinist. Long experience in cotton mill machine shops and engineering works and thoroughly understand the business. Have good job at present but would like a larger place. Address No. 2386,

WANT position as overseer of cloth room. Have had experience in some of the best mills in the South on drills, prints, sheetings, etc., and am fully competent to run any cloth room in the South. Good references. Address No. 2387.

WANT position as overseer of weaving. Experienced on plain, Draper and box magazine looms. Age 34, married. Can furnish excellent references. Address No. 2388.

WANT position as overseer of carding.
Have been running the carding in a
well known Southern mill, but want a
larger job in Georgia, Alabama, Mississippi or Tennesee. Best references,
Address No. 2389.

WANT position as overseer of spinning. Two years experience as overseer and seven years as second hand. Can fur-nish best of references. Address No. 2390.

WANT position as cotton grader and stapler by man of established reputation. At present employed with large mill and can satisfactorily explain reasons for wining to change. Would be valuable assistant in buying. Excellent references. Address No. 2391.

WAN'T position as overseer of spinning. Am practical man with long experience anad am now giving satisfaction on 40,000-spindle job. Best of references from present and past employers. Ad-dress No. 2393.

WANT position as superintendent. Many years experience as superintendent in good mills. Now employed as such in one of the most successful Southern mills and giving satisfaction, but want larger salary. Excellent references. Address No. 2395.

WANT position as overseer of weaving. Experienced on both Draper and plain looms. Good references. Address No.

WANT position as overseer of weaving. Long experience in good mills and am

strictly high class man. Now employ-ed. Good references. Address No. 2397.

WANT position as overseer of cloth room.
Thirty-six years old and have had 16
years experience on white and colored
goods. Now employed but would change
for larger job. Address No. 2408.

WANT position as overseer weaving. I. C. S. graduate in plain weaving and have practical experience for many years in good mills. Am fully competent to handle good weave room on plain goods. Address No. 2404.

VANT position as overseer of weaving. Now employed, but have good reasons for wishing to change. Can come on short notice. Good references. Address No. 2406.

WANT position as overseer of carding, overseer of spinning or both. Can fur-nish excellent references from some of the best mills in North Carolina. Good references. Address No. 2414.

VANT position as superintendent. Have been superintendent of good North Car-olina mill for past 11 years and have good reasons for making a change. Pre-fer yarn mill. Excellent references. Address No. 2415.

VANT position as superintendent of a good weave mill on either white or col-ored goods. Practical superintendent of many years experience and am compe-tent to handle any sized mill. Refer-ences. Address No. 2416.

WANT position as overseer of carding.
Practical man with 25 years experience
in card room; 18 months on present job
and have good reasons for changing.
Married, age 40, good references. Address No. 2417.

WANT position as overseer of spinning Have had long experience. Am now employed but for good reasons would like to make change. Address No.

WANT position as overseer of cloth room. Have had long experience as overseer and can give good references from prominent mill men. Address No. 2421.

WANT position as ovrseer of carding or spinning or both or superintendent of small mill. Can furnish excellent ref-erences as to my ability. Address No. 2423.

VANT position as overseer of weaving by man with 23 years experience in weave room and several years as over-seer of prosperous mill. Thirty-seven years of age. Can furnish excellent refernes. Addres No. 2427.

WANT position as overseer of carding or spinning or either one. Have held good positions and can give satisfactory ref-erences. Address No. 2428.

WANT position as bookkeeper by young man—married, thoroughly familiar with bookkeeping, pay rolls, shipping and general office duties in yarn and hostery manufacturer, desires to change present position. Opportunity for advancement desired. Address No. 2430.

WANT position as overseer of beaming and dyeing. Would accept dye house or beaming for large plant. Have had 12 years experience as overseer of beaming and dyeing. Can get results on long or short chain beaming, raw stock or chain dyeing and bleaching. Address No. 2432.

WANT position as superintendent or overseer of large card room. Have had long experience in cotton mill and thoroughly capable. Address No. 2433.

WANT position as overseer of large cloth room or superintendent of small weave mill running plain goods. I am 39 years of age with family. Have some nill help, I have 15 years experience in cloth rooms, running different classes of goods. I am now employed as overseer of cloth room, but can change on short notice. Good references furnished, but my work proves my experience. Address No. 2454.

WANT position as superintendent of large cotton mill in South Carolina or South Fiedmont section of North Carolina. Now employed, but would like to change location. Fully capable and will consider only large jobs. Address No. 2435.

Poor Tempering Does It | Makes broken travelers and cut threads. U.S. RING TRAVELERS ARE Amos M. Bowen
Treasurer
Providence, R. 7

WILLIAM P. VAUGHAN, Southern Representative, P. O. Box 792 Greenville, S. C.

Keystone Fibre Company

YORKLYN, DELAWARE

Seamless Roving Cans, Steel Clad Trucks Doffing Cars, Mill Boxes

QUALITY FIRST

SOUTHERN REPRESENTATIVES WILSON COMPANY, Greenville, S. C.

MONOPOLE OIL

U. S. Patent No. 861,397

Serial No. 367,303

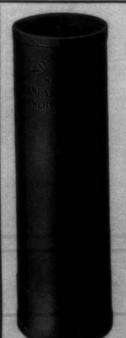
A valuable and well known product.

In Dyeing cotton it gives penetration and evenness of color, together with brilliancy.

In Finishing it imparts the much appreciated "glovey" feel.

JACQUES WOLF & CO.

Manufacturing Chemists and Importers Passaic, N. J.



THE "NO-WASTE" ROVING CAN

Made of Seamless Hard Fibre

Prevents Your Waste and Broken Ends

The "NO-WASTE" Seamless Roving cans have a reputation for quality and smoothness wherever roving cans are used. Practical experience has taught mill men in all sections of the country that ultimate economy can be achieved only with an equipment of "NO-WASTE" Seamless cans.

STANDARD FIBRE CO.

Semerville, Mass.

CLASSIFIED LIST OF ADVERTISERS

ACCOUNTANT—
Chas. James Metz.

AIR CONDITIONERS—
Parks-Cramer Company

RMATURE WINDING—
Michael & Bivins, Inc.
Charlotte Electric Repair Co.

AUTOMATIC SCALES—
American Kron Scale Co.

AUTO TIRES AND TUBES—
Doss Rubber & Tube Co. (Factory)

BALL BEARINGS— Doss Rubber & Tube Co. (Factory)
BALL BEARINGS—
Transmission Ball Bearing Co.
BALING PRESSES—
Woonsocket Machine and Press Co.
Saco-Lowell Shops. BANDING— Easton & Burham Mach. Co. American Textile Banding Co., Inc. Barber Mfg. Co. Barber Mfg. Co,

BEAMERS—
T. C. Entwistle Co.
Saco-Lowell Shops

BELTING—(LEATHER)—
Edw. R. Ladew Co., Inc.
American Supply Co.
Bradford Beiting Co.
Charlotte Leather Beiting Co.
New York Leather Beiting Co.
BELTING, SILENT CHAIN—
Morse Chain Co.
BELT CEMENT—
New York Leather Beiting Co.
BELT DRESSING—
New York Leather Beiting Co.
BELT DRESSING—
New York Leather Beiting Co.
BEBLT DRESSING—
New York Leather Beiting Co.
BOBBINS AND SPOOLS— New York Leather Belting
BOBBINS AND SPOOLS—
American Supply Ce.
Draper Corporation
David Brown Co.
BOBBIN CLEANER—
Monarch Bobbin Cleaner Co. BOILERS-Lombard Iron Works BOILER HOUSE CONVEYORS— Link-Beit Company BRICK-Yadkin Brick Co. BRUSHES—
D. D. Feiton Brush Ce.
CARD CLOTHING—
The Whitin Machine Works.
Ashworth Bros.
Jos. Sykos Bros.
Saco-Lowell Shops CARD GRINDERS—
B. S. Roy & Sons Co.
T. C. Entwistle Co.
The Whitin Machine Works. CARDS—
Saco-Lowell Shops
Whitin Machine Works Whitin Machine Works

BOTTON FABRICS—
Fred'k Victor & Achells

CHAIN DRIVES, SILENT—
Link-Belt Company.
Morse Chain Co.

CHAINS, POWER TRANSMISSION—
Morse Chain Co.
Lombard Iron Works. ASHES CARRIERS—

INK. Belt Company

COMMISSION MERCHANTS—
Fred'k Vietor & Achells

COMPRESSORS (AIR)
General Electric Company

COOLING TOWERS—
Wheeler Condenser & Engineering
CONDENSERS—
Farnsworth Company.
Wheeler Condenser & Engineering
CONNECTORS, Frankel
Solderiese
Westinghouse Electric
Company

COLING TOWERS—
Wheeler Condenser & Engineering
CONDENSERS—
Westinghouse Electric & Mfg. Co.

HANGERS—
Transmission Bail Bearing Co.
HEDDLES—
Steel Heddle Mfg. Co.
HUMIDIFIERS—
American Moistening Company
Carrier Engineering Corporation.
HYDRO EXTRACTORS—
Tolhurst Machine Co.
LACE LEATHER—
New York Leather Beiting Co.
LANDSCAPE ARCHITECT—
E. S. Draper.
J. Leon Hoffman.
LOCKERS, METAL—
J. D. Collins.
LOOMS—
Crompton & Knowles Loom
Draper Corporation & Knowles
Saco. I
Crompton & Knowles
Saco. I
Crompt Fibre Specialty Mfg. Co. Standard Fibre Co. Keystone Fibre Co. Leatherold Sales Co. Leatheroid Sales Co.

DOUBLERS—
Universal Winding Cs.
Saco-Lowell Shops.

DRAWING FRAMES—
Saco-Lowell Shops
Whitin Machine Works

DRAWING ROLLS—
Metallic Drawing Roil Company

DRINKING FOUNTAINS—
Puro Sanitary Drinking Fountain Co.

DRIVES, SILENT CHAIN—
Morse Chain Co.
Link-Belt Company.

DUSTLESS CARD STRIPPERS—
William Firth. William Firth.

YEING, DRYING, BLEACHING AND

INISHING MACHINERY—

Philadelphia Textile Machinery Co.

Saco-Lowell Shops.

C. G. Sargents Sons Corp.

H. W. Butterworth & Sons. H. W. Butterworth & Sons.

DYESTUFFS AND CHEMICALS—
Jacksonville Chemical Co.
The Seydel Mfg. Co.
Arabol Mfg. Co.
Bosson & Lane.
A. Kilpstein & Co.
H. A. Metz.
National Aniline and Chemical Co.
New Brunswick Chemical Co.
Jagues Wolf & Co. National Antithe and New Brunswick Chemical Co. Jaques Wolf & Co. Southern Dyestuffs and Chemical Co. L. Sonneborn & Sons. United Chemical Products Co. DYEING MACHINES—
Franklin Process Co.
Delahunty Dyeing Machine Co.
Salem Iron Works Salem Iron Works

ELECTRICAL MACHINERY—
Allis, Chaimers Mfg. Co.
General Electric Co.
Huntington & Guerry.
Westinghouse Electric & Mfg. Co. ELECTRICAL CONTRACTOR-Michael & Bivins, Inc. F. E. Robinson. ELECTRICAL ENGINEERS-Michael & Bivins, Inc.

ELECTRICAL M'CH'Y REPAIRING—
Michael & Bivins, Inc.
Charlotte Electric Repair Co.

ELEVATORS AND CONVEYORS—
Link-Beit Company
ELEVATORS, PORTABLE—
J. D. Collins. ENGINEERS— J. E. Sirrine EXTRACTORS J. E. Sirrine.
EXTRACTORS—
Toihurt Machine Works
FANS AND BLOWERS—
Ilg Electric Ventilating Co.
FINISHERS—COTTON—
Stein, Hall & Co.
A. Klipstein & Company
H. A. Metz & Co., Inc.
FIRE HOSE AND FITTINGS—
American Supply Co.
FLOOR CLEANERS—
Champion Chemical Co.
FLYER PRESSERS—
Southern Spindle & Flyer Co.
FUSES— FLYER PRESSERS—
Southern Spindle & Flyer Co.
FUSES—
Chicago Fuse Mfg. Co.
FLYERS—
The Whitin Machine Works.
GEARS (SILENT)—
General Electric Company
GENERATORS—
Allis, Chaimers Mfg. Co.
General Electric Co.
Westinghouse Electric & Mfg. Co.
GRATES—
McNaughton Mfg. Co. LOCKERS, METAL
J. D. Collins.

LOOMS—
Crompton & Knowles Loom Works
Draper Corporation
Saco-Lowell Shops
Stafford Company
Whitin Machine Works
LOOM SUPPLIES—
Ivey Manufacturing Company.
LOOM, HARNESS, REEDS, PICKERS—
Fmmons Loom Harness Co.
Carland Mfg. Co.
Stael Haddle Mfg. Co
Ivey Manufacturing Company.
LOOM LUBRIK—
Masury Young Co.
LUBRICANTS
L. Sonneborn Sons, Inc.
Masury Young Co.

Nasury Young Co.
Swan & Finch Co.
Swan & Finch Co.
Wm C. Robinson & Sens Co.
METAL PAINT—
Johnson Paint Co.

METERS—
Ailis, Chaimers Mfg. Co.
General Electric Company
Westinghouse Electric & Mfg. Co.
MILL CRAYONS—
American Supply Co.
MILL STC^KS—
Hill, Clark & Co.
A. M. Law & Co.
MILL SUPPLIES—
American Supply Co.
Lombard Iron Works.
MOTORS—
Ailis, Chaimers Mfg. Co.
General Electric Co.
Westinghouse Electric & Mfg. Co.
Howell Electric Motor Co.
OILS—
Wm. C. Robinson & Sons Co.
L. Sonneborn Sons, Inc.
OPENING MACHINERY—
Saco-Lowell Shops
Whitin Machine Works
OVERHAULERS—
Southern Spingle & Flyer Co.
Imperial Overhaulers. Southern Spindle & Flyer Co. Imperial Overhaulers.
PACKINGS, LEATHER—
New York Leather Belting Co.
AINT— PACKINGS, LEATHER—
New York Leather Belting Co.
PAINT—
Johnson Paint Co.
Thos. K. Chaffee Co.
Tripod Paint Co.
Detroit Graphite Company.
PICKERS AND LAPPERS—
Woonsocket Machine & Press Co.
Saco-Lowell Shops
Whitin Machine Works
PLUMBERS—
The J. J. Breen Co.
PORTABLE ELEVATORS—
J. D. Collins. The J. J. Breen Co.
PORTABLE ELEVATORS—
J. D. Collins.
POWER TRANSMISSION CHAINS—
Link-Belt Company.
Morse Chain Co.
PREPARATORY MACHINERY—
The Whitin Machine Works.
Saco-Lowell Shops
PUMPS, BOILER FEED—
Farnsworth Company.
PUMPS, CENTRIFUGAL—
DeLaval Steam Turbine Co.
PUMPS, DEEP WELL—
Rumsey Pump Co.
RAW STOCK DYERS—
Sanders, Smith & Co.
RING SPINNING FRAMES—
Fales & Jenks Mach. Co.
Whitin Machine Works
Saco-Lowell Shops
RING TRAVELERS— RING TRAVELERS— American Supply Co. U. S. Ring Traveler Co. O. S. Ring

ROLLS—
The Whitin Machine Works.
American Supply Co.
Metallic Drawing Roll Co.
Saco-Lowell Shops
Southern Spindle & Flyer Co. ROOFING PAINT— Johnson Paint Co. Standard Fibre Co.

Standard Fibre Co.

Leatheroid Sales Co.

Keystone Fibre Co.

American Vulcanized Fiber Co.

ROVING MACHINERY—

Whitin Machine Works

Saco-Lowell Shops SADDLES— Dixon Lubricating Saddle Co. SANITARY SEWERAGE SYSTEMS-Standard Cement Construction Co. Standard Cement
SCALES—
American Kron Scale Co.
SCOURING POWDERS—
World Mfg. Co.
SCRUBBING SOAPS—
World Mfg. Co.
Champion Chemical Co.
SEPARATORS—
Draper Corporation. SEPARATURS

Draper Corporation.
SHUTTLES—
Draper Corporation
Shambow Shuttle Co.
David Brown Co.
SILENT CHAIN DRIVE—
Link-Beit Company
Morse Chain Company
SIZING COMPOUNDS
Stein, Hall & Co. Stein, Hall & Co.
Arabol Mfg. Co.
United Chemical Products Co.
Bosson & Lane.
Carolina Sizing & Chemical Co.
Douglas Company
Hawley's Laboratories
John P. Marston
A. Klipstein & Co.
H. A. Metz & Co., Inc.
New Brunswick Chemical Co.
Seydel Mfg. Co.
Southern Dyestuff & Chemical Co.
Jaques Wolf & Co.
Wm. C. Robinson & Sens Co.
L. Sonneborn Sons Co.
National Gum & Mica Co.
Masury Young Co.

SOFTENERS-COTTON-Stein, Hall & Co.
Arabol Mfg. Co.
United Chemical Products Co.
Bosson & Lane.
New Brunswick Chemical Co.
Jaques Wolf & Co.
Wm. C. Robinson & Sens Co.
L. Sonneborn Sons Co.
H. A. Metz & Co., Inc.
The Seydel Mfg. Co. SOAPS World Mfg. Co.
L. Sonneborn Sons, Inc.
Seydel Mfg. Co.
New Brunswick Chemical Co.
A. Klipstein & Co.
Southern Dyestuff & Chemical Co.
Jaques Wolf & Co.
United Chemical Products Co.
H. A. Metz & Co., Inc. STRAPPING, LEATHER— New York Leather Beiting Co. SOLDERLESS CONNECTIONS, Frank Westinghouse Electric & Mfs. Co. SPINDLES—
The Whitin Machine Works.
Easton & Burham Mach. Co.
Draper Corporation.
Southern Spindle & Flyer Co. SPINNING RINGS
The Whitin Machine Works
Draper Corporation
Whitinsville Spinning Ring Co. SPINDLE TAPE AND BANDING— American Textile Banding Co. Barber Mfg. Co. SPOOLS— Ivey Manufacturing Company. Greenville Spool & Mfg. Oc. David Brown Co. SPOOLERS—
Easton & Burham Mach. Co.
Draper Corporation
Saco-Lowell Shops
Whitin Machine Works STARCH-Stein, Hall & Co. STARCH—
Stein, Hall & Co.
Douglas Company
The Seydel Mfg. Co.
Corn Products Refining Co.
Keever Starch Co.
TEMPLES—
Draper Corporation
TEXTILE MACHINERY SPECIALTIES
Cocker Machine and Foundry Co.
TOILETS—
Standard Cement Construction Co.
Jos. A. Vogel Co.
THREAD GUIDES—
J. P. O'Connell
TIERING MACHINES—
J. P. O'Connell
TIERING MACHINES—
J. D. Collins.
TOP ROLL VARNISH
Top Roll Varnish Co.
TRANSMISSION, SILENT CHAIN—
Morse Chain Co.
TRAPS—
Farnsworth Company.
TRICKS (LETTING) TRAPS—
Farnsworth Company.
TRUCKS (LIFTING)—
J. D. Collins.
Leatherold Sales Cs.
TURBINES—
General Electric Company
Westinghouse Electric & Mfg. Cs. Westinghouse Electric & Mfg. Ca.
TWISTERS—
Fales & Jenks Mach. Co.
Collins Bros.
Draper Corporation
Saco-Lowell Shops
Whitin Machine Works
WARPERS—
Crocker Machine & Foundry Company.
Draper Corporation
T. C. Entwistle Ca.
WARP STOP MOTIONS—
Crompton & Knowles Loom Works.
Draper Corporation
The Stafford Co.
WATER INTAKE SCREENS—
Link-Belt Company
WELDING OUTFITS— WELDING OUTFITS— General Electric Company. General Electric Company.

WEIGHTING COMPOUNDS
Arabol Mfg. Co.
Bosson & Lane
John P. Marston
A. Klipstein & Co.
H. A. Metz
Seydel Mfg. Co,
Jaques Wolf & Co.
United Chemical Products Co.
Wm. C. Robinson & Sens Co.
Southern Dyestuffs & Co.
L. Sonneborn Sons Co.

WILLOWS
Saco-Lowell Shops
Whitin Machine Works
C. G. Sargents Sons Corp.

WINDERS
Easton & Burham Mach. Co.
Saco-Lowell Shops
Universal Winding Company

DUCK LOOMS

Our Looms Produce the Highest Quality of Fabrics at Lowest Cost

We make automatic looms for all manner of textile fabrics. Plain or fancy, coarse or fine.



THE STAFFORD COMPANY

READVILLE, MASS.

J. H. MAYES, Southern Agent, 1112 Independence Building CHARLOTTE, N. C.



J. LEON HOFFMAN Landscape Architect and Engineer INDUSTRIAL VILLAGES A SPECIALTY

103 Peachtree St.

Atlanta Ga.

PROCTOR" DRYERS



Substantial, Durable, and low cost of operation. Dryers for all kinds of Material

The Philadelphia Textile Machinery Company

BUILDERS OF DRYING MACHINERY

PHILADELPHIA

Sizol Compounds Prove their Worth Daily

With cotton at continued high prices weaving efficiency is an absolute necessity. This is the reason why the number of users of SIZOL is increasing so steadily.

THE SEYDEL MFG. COMPANY

JERSEY CITY, N. J.

Sizings

Softeners

Finishings

Agents. S. C. Thomsa and C. C. Clark, Spartanburg, S. C.

The Yarn Conditioning Machine



setting twist and effectively preventing kinky filling.

C. G. SARGENTS SONS CORPORATION GRANITEVILLE, MASS

> Southern Agent FRED H. WHITE Charlotte, N. C.



UNIVERSAL WINDING COMPANY - BOSTON



Winding machines for single and ply yarns, cotton, woolen, worsted and silk. Write for circular describing the NEW WIND DOUBLER, also the No. 80 for winding SUPERCONES.

Southern Office Charlotte, N. C. 1216 REALTY BUILDING, P. O. Box 523 FREDERICK JACKSON, Southern Agent

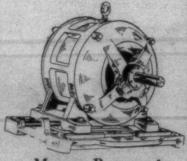


Burned-Out Motors and Generators Repaired

OUICK SERVICE -- WORK GUARANTEED

CHARLOTTE ELECTRIC REPAIR CHARLOTTE, N. C.

The Best Equipped Electrical Repair Works in the South



Motors Rewound